GW - 205

GENERAL CORRESPONDENCE

YEAR(S):

2005-1995

CORROSION LTD.

4321 SCR 1290
Odessa, TX 79765
Phone: (432) 561-8504
Fax: (432) 561-8469

April 26, 2005

Mr. Jack Ford
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87505

Mr. Jack Ford,

Thank you for your reminder to renew our Discharge Plan for Oilfield Service Facilities at our facility in Hobbs, NM. Attached, you will find our renewal application and a check for $100.00. A copy of the application has been sent to the OCD Hobbs District Office.

Please be aware that we have moved our main office to 4321 SCR 1290, Odessa, TX 79765. Our phone number is (432) 561-8504 or 800-669-8023.

The facility in Hobbs, NM is still being used in the same way as when we last renewed our application. There have been no changes to the facility.

If there are any questions concerning our facility, please contact me. We appreciate your help.

Sincerely,

Tommie Farrell
President

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Revised June 10, 2003

Submit Original
Plus 1 Copy
to Santa Fe
1 Copy to Appropriate
District Office

DISCHARGE PLAN APPLICATION FOR SERVICE COMPANIES,GAS PLANTS, REFINERIES, COMPRESSOR, GEOTHERMAL FACILITES AND CRUDE OIL PUMP STATIONS

(Refer to the OCD Guidelines for assistance in completing the application)

☐ New ☒ Renewal ☐ Modification

1. Type: STORAGE FACILITY FOR OILFIELD DRILLING CORROSION INHIBITORS, HYDROGEN SULFIDE SCAVENGERS AND OXYGEN SCAVENGERS.
2. Operator: CORROSION LTD.

   Address: 4321 SCR 1290, Odessa, TX 79765

   Contact Person: Tommie Farrell Phone: (432) 561-8504
   800-669-8023
3. Location: SW /4 NE /4 Section 04 Township 19 Range 38
   Submit large scale topographic map showing exact location.

4. Attach the name, telephone number and address of the landowner of the facility site.
   Corrosion Ltd. 4321 SCR 1290, Odessa, TX 79765 (432) 561-8504
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
   No Change
6. Attach a description of all materials stored or used at the facility.
   See attachment
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.
   No Change
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
   No Change
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.
   No Change
10. Attach a routine inspection and maintenance plan to ensure permit compliance.
    No Change
11. Attach a contingency plan for reporting and clean-up of spills or releases.
    No Change
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
    Not applicable
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.
    Not applicable
14. CERTIFICATIONI hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Tommie Farrell Title: President

Signature: Tommie Farrell Date: April 26, 2005

E-mail Address:

DISCHARGE PLAN APPLICATION

Oilfield Service Facilities

Part VI. Form (Optional)

Materials Stored or Used at the Facility - For each category of material listed below provide informat the general composition of the material or specific information (including brand names if requested), w a solid or liquid, type of container, estimated volume stored and location. Submit MSD informati chemicals as requested. Use of this form is oprtional, but the information requested must be provid

Name	General Makeup or Specific Brand Name (if requested)	Solids(S) or Liquids(L)?	Type of Container (tank drum, etc.)	Estimated Volume Stored	Lo (yard drum et
1. Drilling Fluids (include general makeup & types special additives [e.g. oil, chrome, etc.])					
2. Brines - (KCl, NaCl, etc.)					
3. Acids/Caustics (Provide names & MSD sheets)	Acetic Acid, Glacial	(L)	55 gal. drum	1-6 drums	Drum Storag
4. Detergents/Soaps	S395 (Soap)	(L)	55 gal. drum	2 - 10 drums	Drum Storag
5. Solvents & Degreasers (Provide names & MSD sheets)					
6. Paraffin Treatment/ Emulsion Breakers (Provide names & MSD sheets)					
7. Biocides (Provide names & MSD sheets)					
8. Others - (Include other liquids & solids, e.g. cement etc.)	On back of sheet.				

Corrosion Ltd.
4321 SCR 1290
Odessa, TX 79765
Phone: (432) 561-8504
800-669-8023
Fax: (432) 561-8469

NAME	Solid (S) or Liquid (L)	Type of Container	Amount Stored	Location Stored
Isopropyl Alcohol	(L)	55 gal drum	1 – 10 drums	Drum Storage
INC 2213 Scale Inhibitor Intermediate	(L)	55 gal drum	1 – 3 drums	Drum Storage
INC 1450 Corrosion Inhibitor Intermediate	(L)	55 gal drum	3 – 30 drums	Drum Storage
INC1421 Corrosion Inhibitor Intermediate	(L)	55 gal drum	3 – 30 drums	Drum Storage
C-202 Film-forming Amine	(L)	55 gal drum 5 gal pail	40 – 60 drums 9 – 50 pails	Drum Storage Drum Storage
CL9390 Phosphate ester	(L)	55 gal drum 5 gal pail	30 – 40 drums 9 – 50 pails	Drum Storage Drum Storage
CLTD120 Hydrogen Sulfide Scavenger	(L)	55 gal drum 5 gal pail	9 – 65 drums 9 – 80 pails	Drum Storage Drum Storage
CLTD50 Oxygen Scavenger	(L)	55 gal drum 5 gal pail	9 – 80 drums 9 – 80 pails	Drum Storage Drum Storage
INC1895 Surfactant Intermediate	(L)	55 gal drum	1 drum	Drum Storage
INC993 Hydrogen Sulfide Scavenger	(L)	55 gal drum	1 – 6 drums	Drum Storage
Sodium Sulfite Oxygen Scavenger	(S)	5 gal pail	54 pails	Warehouse

NOTICE OF PUBLICATION

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to the New Mexico Water Quality Control Commission Regulations, the following discharge plan application has been submitted to the Director of the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

(GW-187) - Williams Field Service, David Bays, Senior Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge plan renewal application for their La Cosa compressor station located in the NE/4 NW/4, Section 34, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Up to 3,000 barrels per year of produced water and waste water with a total dissolved solids concentration in excess of 2000 mg/l is stored in above ground, closed-top steel tanks prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of 45 feet with a total dissolved solids concentrations of approximately 2000 mg/l. The discharge with a total dissolved solids concentrations ranging from 200 to 1000 mg/l. The OCD proposed conditions can be viewed at www.emnrd.state.nm.us/ocd in the Draft Discharge Permit for this facility.

(GW-203)-Baker Hughes Petrolite (formerly Petrolite Corporation), Mr. Roy Young, 10520 West I-20 East, Odessa, Texas 79765, has submitted a Discharge Permit Renewal Application for their Hobbs Facility located in the NE/4, Section 7, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top receptacle and transported off-site for disposal at an OCD approved facility. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 100 mg/L. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. The OCD proposed conditions can be viewed at www.emnrd.state.nm.us/ocd in the Draft Discharge Permit for this facility.

(GW-204)-Baker Hughes Petrolite (formerly Petrolite Corporation), Mr. Roy Young, 10520 West I-20 East, Odessa, Texas 79765, has submitted a Discharge Permit Renewal Application for their Artesia Facility located in the SE/4, Section 33, Township 16 South, Range 26 East, NMPM, Eddy County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top receptacle and transported off-site for disposal at an OCD approved facility. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 15 feet with a total dissolved solids concentration of approximately 2160 mg/L. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. The OCD proposed conditions can be viewed at www.emnrd.state.nm.us/ocd in the Draft Discharge Permit for this facility.

(GW-205) – Corrosion. Ltd., Mr. Tommie Farrell, P.O. Box 5097, Hobbs, New Mexico 88241-5097, has submitted a discharge plan renewal application for their Hobbs Service Facility located in the SW/4 NE/4, Section 4, Township 19 South, Range 38 East, NMPM, Lea County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle face will be managed in order to protect fresh water. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 30 feet with a total dissolved solids concentrations of approximately 712 mg/l. The OCD proposed conditions can be viewed at www.emnrd.state.nm.us/ocd in the Draft Discharge Permit for this facility.

(GW-218) – Dawn Trucking Corporation, Mr. Barry Bond, (505) 327-6314, P.O. Box 1498, Farmington, New Mexico 87499-1498, has submitted a discharge renewal application for the Farmington facility located in the SW/4 NW/4, Section 19, Township 29 North, Range 12 West, NMPM, San Juan County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top tank and transported offsite for disposal in an OCD approved facility. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 85 feet with a total dissolved solids concentration of approximately 1,575 mg/l. The OCD proposed conditions can be viewed at www.emnrd.state.nm.us/ocd in the Draft Discharge Permit for this facility.

(GW-320) - Williams Field Services, Inc., David Bays, Senior Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge permit renewal application for their Richardson Straddle compressor station located in the SW/4 NE/4, Section 27, Township 32 North, Range 12 West, NMPM, San Juan County, New Mexico. Up to 3,000 barrels per year of produced water with a total dissolved solids concentration in excess of 3600 mg/l is stored in above ground, in a closed-top fiberglass tank prior to transport to an OCD approved off-site disposal facility. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 110 to 180 feet with a total dissolved solids concentrations ranging from approximately 450 mg/l to 2400 mg/l. The OCD proposed conditions can be viewed at www.emnrd.state.nm.us/ocd in the Draft Discharge Permit for this facility.

(GW-321) - Williams Field Services, Inc., David Bays, Senior Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge permit renewal application for their Lawson compressor station located in the SE/4 SW/4, Section 36, Township 32 North, Range 12 West, NMPM, San Juan County, New Mexico. Up to 3,000 barrels per year of produced water with a total dissolved solids concentration in excess of 3600 mg/l is stored in an above ground, closed-top fiberglass tank prior to transport to an OCD approved off-site disposal facility. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. Groundwater most likely to be affected by an accidental discharge is at a depth of 51 feet with a total dissolved solids concentrations ranging from approximately 200 mg/l to 2000 mg/l. The OCD proposed conditions can be viewed at www.emnrd.state.nm.us/ocd in the Draft Discharge Permit for this facility.

(GW-323) - Williams Field Services, Inc., David Bays, Senior Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge permit renewal application for their Horton compressor station located in the SE/4 SE/4, Section 10, Township 31 North, Range 12 West, NMPM, San Juan County, New Mexico. Up to 3,000 barrels per year of produced water with a total dissolved solids concentration in excess of 3600 mg/l is stored in an above ground, closed-top fiberglass tank prior to transport to an OCD approved off-site disposal facility. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. Groundwater most likely to be affected by an accidental discharge ranges in depth from 90 feet to 115 feet with a total dissolved solids concentrations ranging from approximately 200 mg/l to 2000 mg/l. The OCD proposed conditions can be viewed at www.emnrd.state.nm.us/ocd in the Draft Discharge Permit for this facility.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday thru Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Mark E. Fesmire, P.E.
Director
Oil Conservation Division

April 4, 2005

Mr. Tommie Farrell
Corrosion, Ltd.
P.O. Box 5097
Hobbs, New Mexico 88241-5097

RE: Discharge Permit Renewal Notice for Corrosion, Ltd. Facilities

Dear Mr. Farrell:

Corrosion, Ltd. has the following discharge permit that expires on the date shown below.

GW-205 expires 8/3/2005 – Hobbs Service Facility

WQCC 3106.F. If the holder of an approved discharge permit submits an application for discharge permit renewal at least 120 days before the discharge permit expires, and the discharger is not in violation of the approved discharge permit on the date of its expiration, then the existing approved discharge permit for the same activity shall not expire until the application for renewal has been approved or disapproved. A discharge permit continued under this provision remains fully effective and enforceable. An application for discharge permit renewal must include and adequately address all of the information necessary for evaluation of a new discharge permit. Previously submitted materials may be included by reference provided they are current, readily available to the secretary and sufficiently identified to be retrieved. [12-1-95]

The discharge permit renewal application for the above facility is subject to WQCC Regulation 3114. Every billable facility submitting a discharge permit renewal will be assessed a fee equal to the filing fee of $100.00 plus a flat fee for oil field service facilities. The $100.00 filing fee is submitted with the discharge permit renewal application and is nonrefundable.

Please make check payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office. Please submit the original discharge permit renewal application and one copy to the OCD Santa Fe Office and one copy to the OCD Hobbs District Office. **Note that the completed and signed application form must be submitted with your discharge permit renewal request.** (Copies of the WQCC regulations and discharge permit application form and guidelines are available on OCD's website at **www.emnrd.state.nm.us/ocd/**).

If the above facility no longer has any actual or potential discharges and a discharge permit is not needed, please notify this office. If the Corrosion, Ltd. has any questions, please do not hesitate to contact me at (505) 476-3489.

Sincerely,

W. Jack Ford, C.P.G.
Oil Conservation Division

cc: OCD Hobbs District Office

CORROSION LTD.

P.O. BOX 5097
HOBBS, NM 88241 - 5097
Phone 800-669-8023
Fax 505-3939824

RECEIVED

NOV 05 2001

Environmental Bureau
Oil Conservation Division

November 1, 2001

Mr. W. Jack Ford
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

GW-205

Mr. W. Jack Ford,

Thank you for your help in our submitting a storm water run-off plan for our facility in Hobbs, NM. As per our phone conversation on October 23, 2001, the following is a description of our facility and any storm water accumulation on the property.

Corrosion Ltd. has a 550 gallon, stainless steel, blending vat. The vat is contained within a fiberglass lined, cement barrier that will hold approximately 850 gallons. The vat is covered with a metal roof. Any spillage or overfill is immediately remediated as the blend is put into 55 gallon drums or 5 gallon pails. The vat is left empty when blending is complete and is never left unattended when in use.

The 55 gallon drums and 5 gallon pails are stored within a bermed area. Any spillage or leakage is immediately cleaned up. Any storm water that accumulates within the bermed area is left to evaporate.

There are no pits or open tanks on the property. There is no bulk storage on the property.

If there are any questions concerning our facility, please contact me. We appreciate your help.

Sincerely,

Tommie Farrell

Affidavit of Publication

STATE OF NEW MEXICO)
) ss.
COUNTY OF LEA)

Joyce Clemens being first duly sworn on oath deposes and says that she is Advertisting Director of **THE LOVINGTON DAILY LEADER**, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled

Legal Notice

was published in a regular and entire issue of **THE LOVINGTON DAILY LEADER** and not in any supplement thereof, for one (1) day, beginning with the issue of April 4, 2001 and ending with the issue of April 4, 2001.

And that the cost of publishing said notice is the sum of $ 50.60 which sum has been (Paid) as Court Costs.

Joyce Clemens

Subscribed and sworn to before me this 5th day of April 2001

Debbie Schilling

Debbie Schilling
Notary Public, Lea County, New Mexico
My Commission Expires June 22, 2002

LEGAL NOTICE
NOTICE OF
PUBLICATION
STATE OF
NEW MEXICO
ENERGY, MINERALS
AND NATURAL
RESOURCES
DEPARTMENT
OIL CONSERVATION
DIVISION

Notice is hereby given that pursuant to the New Mexico Water Quality Control Commission Regulations, the following discharge plan application has been submitted to the Director of the Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

(GW-205) - Corrosion. Ltd., Mr. Tommie Farrell, P.O. Box 5097, Hobbs, New Mexico 88241-5097, has submitted a discharge plan renewal application for their Hobbs Service Facility located in the SW/4 NE/4, Section 4, Township 19 South, Range 38 East, NMPM, Lea County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of 50 feet with a total dissolved solids of approximately 100 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday thru Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Request for public hearing shall set forth the reasons why a hearing shall be held. A hearing will be held if the director determines that there is significant public interest.

If no hearing is held, the Director will approve or disapprove the plan based on the information available. If a public hearing is held, the Director will approve the plan based on the information in the plan and information presented at the hearing.

GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on this 22nd day of March, 2001.

STATE OF
NEW MEXICO
OIL CONSERVATION
DIVISION

SEAL
LORI WROTENBERY,
Director

Published in the Lovington Daily Leader April 4, 2001.

THE SANTA FE
NEW MEXICAN
Founded 1849

NEW MEXICO OIL CONSERVATION DIVISION
ATTN: ED MARTIN

AD NUMBER: 200184 ACCOUNT: 56689
LEGAL NO: 69095 P.O.#: 01199000033
178 LINES 1 time(s) at $ 78.47
AFFIDAVITS: 5.25
TAX: 5.23
TOTAL: 88.95

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE
I, MM Weideman being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily newspaper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication #69095 a copy of which is hereto attached was published in said newspaper 1 day(s) between 04/05/2001 and 04/05/2001 and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 5 day of April, 2001 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/ MM Weideman
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this
5 day of April A.D., 2001

Notary Laura L. Hardin

Commission Expires 11/23/03

NOTICE OF PUBLICATION

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

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(GW-205) - Corrosion. Ltd., Mr. Tommie Farrell, P.O. Box 5097, Hobbs, New Mexico 88241-5097, has submitted a discharge plan renewal application for their Hobbs Service Facility located in the SW/4 NE/4, Section 4, Township 19 South, Range 38 East, NMPM, Lea County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of 50 feet with a total dissolved solids of approximately 100 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.

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If no hearing is held, the Director will approve or disapprove the plan based on the information available. If a public hearing is held, the Director will approve the plan based on the information in the plan and information presented at the hearing.

GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on this 22nd day of March, 2001.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

LORI WROTENBERY,
Director

Legal #69095
Pub. April 5, 2001

RECEIVED
APR 6 2001
OIL CONSERVATION DIVISION

Ford, Jack

From: Martin, Ed
Sent: Monday, April 02, 2001 10:34 AM
To: Lovington Daily Leader
Cc: Ford, Jack
Subject: Legal Notice

Please publish the attached notice one time upon receipt of this request.
Upon publication, please forward to this office:

1. Publisher's affidavit
2. Invoice

Our Purchase Order number for the Daily Leader: 01199000032

Please publish no later than April 6, 2001
Contact me via e-mail or phone (476-3492) if you have any questions.
Thank you.

Ford, Jack

From: Martin, Ed
Sent: Monday, April 02, 2001 10:31 AM
To: 'Santa Fe New Mexican'
Cc: Ford, Jack
Subject: Legal Notice

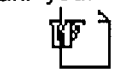
Attn: Betsy Perner

Please publish the attached notice one time upon receipt of this request.
Upon publication, please forward to this office:

1. Publisher's affidavit
2. Invoice

Our Purchase Order number for the New Mexican is: 01199000033

Please publish no later than April 6, 2001
Contact me via e-mail or phone (476-3492) if you have any questions.
Thank you.



Publ. Notice
GW1205.doc

Ford, Jack

From: Martin, Ed
Sent: Monday, April 02, 2001 10:34 AM
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Cc: Ford, Jack
Subject: Legal Notice

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Thank you.

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Sent: Monday, April 02, 2001 10:31 AM

To: 'Santa Fe New Mexican'

Cc: Ford, Jack

Subject: Legal Notice

Attn: Betsy Perner

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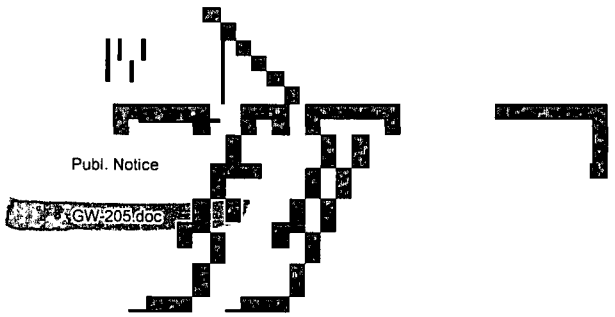
Thank you.



NOTICE OF PUBLICATION

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

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(GW-205) - Corrosion. Ltd., Mr. Tommie Farrell, P.O. Box 5097, Hobbs, New Mexico 88241-5097, has submitted a discharge plan renewal application for their Hobbs Service Facility located in the SW/4 NE/4, Section 4, Township 19 South, Range 38 East, NMPM, Lea County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of 50 feet with a total dissolved solids of approximately 100 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.

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If no hearing is held, the Director will approve or disapprove the plan based on the information available. If a public hearing is held, the Director will approve the plan based on the information in the plan and information presented at the hearing.

GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on this 22nd day of March, 2001.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

for LORI WROTENBERY, Director

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505
(505)-827-7131

January 22, 1996

CERTIFIED MAIL
RETURN RECEIPT NO. Z-765-963-001

Mr. Tommie Farrell
President
Corrosion LTD.
P.O. Box 5097
Hobbs, NM 88241-5097

RE: Discharge Plan GW-205 - Septic Investigation
Corrosion LTD., Hobbs facility
Lea County, New Mexico

Dear Mr. Farrell:

The NMOCD has received the Corrosion LTD. septic analysis results submitted by Safety and Environmental Solutions, Inc. on behalf of Corrosion Limited (See the Attachment) for the Corrosion LTD. facility located in SW/4 NE/4, Section 4, Township 19 South, Range 38 East, NMPM, Lea County, New Mexico.

1. The results from the TCLP that was performed by Cardinal Laboratories showed a non-detect for all the TCLP parameters with the exception of barium with a level of 0.22 mg/L. This level is below WQCC standard 3103A level of 1.0 mg/L and the 40 CFR part 261 level of 100 mg/L for barium.

2. The Flash Point of the septic water is above 140 F. The Flash Point was confirmed by two labs as was requested in the December 7, 1995 letter from OCD to Corrosion limited.

3. Therefore, based on the data and investigation submitted by Corrosion Limited the Septic system at GW-205 may remain in use since it only accepts domestic waste and for the reasons in (1.) and (2.) above.

Note, that OCD approval does not relieve Corrosion Limited, Inc. of responsibility for compliance with any other Federal, State, or other local laws and/or regulations.

Sincerely,

Patricio W. Sanchez
Petroleum Engineer

Attachment
xc: Mr. Wayne Price-Environmental Engineer

Safety & Environmental Solutions, Inc.

OIL CONSERVATION DIVISION
RECEIVED
'96 JAN 18 AM 8 52

Corrosion Limited
P.O. Box 5097
Hobbs, NM 88240
Attention: Mr. Tommy Farrell

Tommy:

Enclosed please find the hard copy of the results from the third party testing laboratory to verify the status of the waste contained in your septic tank as non-ignitable per RCRA characteristic.

Once again, I apologize for any inconvenience. If there is anything else we can do for you please let us know.

RECEIVED
JAN 19 1996
Environmental Bureau
Oil Conservation Division

Yours in Safety,

Dyke A. Browning

Z 765 963 001

Receipt for Certified Mail
No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to Tommie Farrell	
Street and No. Corrosion LTD. - GW-205	
P.O., State and ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form 3800, March 1993

Safety & Environmental Solutions, Inc.

OIL CONSERVATION DIVISION
RECEIVED
'96 JAN 16 AM 8 52

Corrosion Limited
P.O. Box 5097
Hobbs, NM 88240
Attention: Mr. Tommy Farrell

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RECEIVED
JAN 19 1996
Environmental Bureau
Oil Conservation Division

Yours in Safety,

Dyke A. Browning

FOX TESTING LABORATORIES, INC.
LUBBOCK. TEXAS
ANALYTICAL CHEMISTS AND
CHEMICAL ENGINEERS

OFFICIAL CHEMISTS: NATIONAL COTTONSEED PRODUCTS ASSOCIATION, INC.
REFEREE CHEMISTS: AMERICAN OIL CHEMISTS' SOCIETY
MEMBERS: TEXAS AND OKLAHOMA COTTONSEED CRUSHERS' ASS'NS

To SAFTY AND ENVIRONMENTAL SOLUTIONS
HOBBS, NM

Report of Tests on SEPTIC TANK WATER

Received from 12/20/95

Identification Marks CORROSION LIMITED SEPTIC TANK

FLASH POINT (PMCC) ----- GREATER THAN 140 ° F

Remarks

Respectfully submitted,

LAB NO. 89033

FOX TESTING LABORATORIES, INC.

Jason M. Fox

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240
PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

TCLP ANALYSIS REPORT

Company: S.E.S
Address: 703 E. Clinton
City, State: Hobbs, NM 88240

Date: 12/13/95
Lab #: H2138-1

Project Name: Corrosion LTD
Loaction: Hobbs, NM
Sampled by: DB
Sample Type: water

Date: 11/17/95
Sample Condition: intact

Sample ID: Underground Tank Nov 17, Sample Retest

HAZARDOUS WASTE CHARACTERIZATION

PARAMETER	RESULT	UNITS
Ignitability (Pensky-Martens Closed Cup)	>140	F

METHODS: HWC - EPA SW 846-7.3, 7.2, 1010

Mitch Irvin

12/14/95
Date

TO: PAT SANCHEZ

cc - JERRY SEXTON
PAT SANCHEZ

NEW MEXICO OIL CONSERVATION COMMISSION
FIELD TRIP REPORT

INSPECTION	CLASSIFICATION	FACILITY	HOURS	QUARTER HOURS

Name WAYNE PRICE Date [illegible] Miles ______ District I

Time of Departure 7 AM Time of Return 4 PM Car No. G 047

In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken.

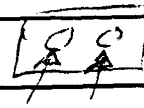
Signature [signature]

CORROSION LTD HOBBS FACILITY GW-205

TOM FARRELL - C LTD, WAYNE BRAWLING - SES

WAYNE PRICE - NMOCD

WITNESSED SAMPLING OF SEPTIC TANK WATER

METHOD: COMPOSITE COLIWASA 

Mileage		Per Diem		Hours	
UIC		UIC		UIC	
RFA		RFA		RFA	
Other		Other		Other	

TYPE INSPECTION PERFORMED

- H = Housekeeping
- P = Plugging
- C = Plugging Cleanup
- T = Well Test
- R = Repair/Workover
- F = Waterflow
- M = Mishap or Spill
- W = Water Contamination
- O = Other

INSPECTION CLASSIFICATION

- U = Underground Injection Control - Any inspection of or related to injection project, facility, or well or resulting from injection into any well. (SWD, 2ndry injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.)
- R = Inspections relating to Reclamation Fund Activity
- O = Other - Inspections not related to injection or The Reclamation Fund
- E = Indicates some form of enforcement action taken in the field (show immediately below the letter U, R or O)

NATURE OF SPECIFIC WELL OR FACILITY INSPECTED

- D = Drilling
- P = Production
- I = Injection
- C = Combined prod. inj. operations
- S = SWD
- U = Underground Storage
- G = General Operation
- F = Facility or location
- M = Meeting
- O = Other

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

MEMORANDUM OF MEETING OR CONVERSATION

☒ Telephone ☐ Personal	Time 1:06 pm	Date 12-14-95

Originating Party	Other Parties
Tommie Farrell	Pat Sanchez
Corrosion LTD.	

Subject: Flash point QA/QC and resample.

Discussion: Tommie Farrell in re-run results from Cardinal Labs - F.P. greater the 140°F. He will have it sampled and ran be another Lab to confirm F.P. being greater than 140°F. I told Tommy that Wayne Price will need to witness the test (Sample Collection) and I'll have wayne put together a field report on the day the sample is collected.

Conclusions or Agreements

(1) Tommy to have another Lab run the analysis and he will have Wayne Price witness the collection. He will also submit the new analysis with a chain of custody sheet.

Distribution: File

Signed: Patricia W. Sanchez

MAIL SERVICES ETC
1943 N. Grimes Ste. B
Hobbs, NM 88240
(505) 393-7550

Facsimile Service
FAX # (505) 393-7479
Fax Cover Sheet

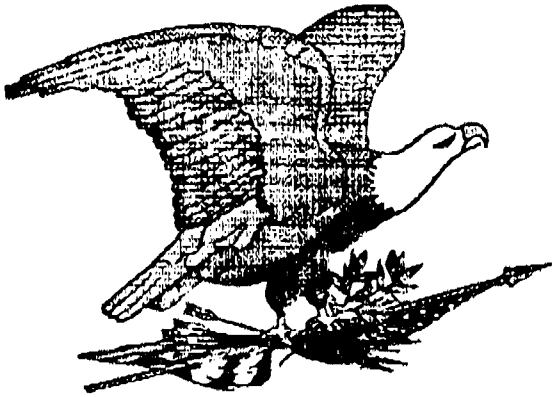
TO: PAT SANCHEZ
OIL CONSERVATION DIVISION

FAX # 505-827-8177

FROM: TOM FARRELL
CORROSION LTD.

DATE: DEC. 14, 1995

NUMBER OF PAGES TO FOLLOW: 2



CARDINAL LABORATORIES

PHONE (915) 673-7001 * 2111 BEECHWOOD * ABILENE, TX 79603
PHONE (505) 393-2326 * 101 E. MARLAND * HOBBS, NM 88240
PHONE (505) 326-4669 * 118 S. COMMERCIAL AVE. * FARMINGTON, NM 87401

TCLP ANALYSIS REPORT

Company: S.E.S.
Address: 703 E. Clinton
City, State: Hobbs, NM

Date: 8/31/95
Lab #: H2138

Project Name: Corrosion Unlimited
Location: Hobbs
Sampled by: DB
Sample Type: Water

Date: 8/16/95
Sample Condition: Cool/Intact

Sample ID: Underground Tank

TCLP ORGANICS

PARAMETER	RESULT	EPA LIMIT	UNITS
Pyridine	<0.002	5.00	ppm
o-Cresol	<0.002	200	ppm
m,p-Cresol	<0.004	200	ppm
Hexachloroethane	<0.002	3.00	ppm
Nitrobenzene	<0.002	2.00	ppm
Hexachloro-1,3-butadiene	<0.002	0.500	ppm
2,4,6-Trichlorophenol	<0.002	2.00	ppm
2,4,5-Trichlorophenol	<0.002	400	ppm
2,4-Dinitrotoluene	<0.002	0.130	ppm
Hexachlorobenzene	<0.002	0.130	ppm
Pentachlorophenol	<0.002	100	ppm
Vinyl chloride	<0.001	0.20	ppm
1,1-Dichloroethylene	<0.001	0.70	ppm
Methyl ethyl ketone	<0.001	200	ppm
Chloroform	<0.001	6.00	ppm
1,2-Dichloroethane	<0.001	0.50	ppm
Benzene	<0.001	0.50	ppm
Carbon tetrachloride	<0.001	0.50	ppm
Trichloroethylene	<0.001	0.50	ppm
Tetrachloroethylene	<0.001	0.70	ppm
Chlorobenzene	<0.001	100	ppm
1,4-Dichlorobenzene	<0.001	7.50	ppm

TCLP INORGANICS (Leachate)

PARAMETER	RESULT	EPA LIMIT	UNITS
Silver	<0.1	5.0	ppm
Arsenic	<0.1	5.0	ppm
Barium	0.22	100.0	ppm
Cadmium	<0.1	1.0	ppm
Chromium	<0.1	5.0	ppm
Mercury	<0.001	0.2	ppm
Lead	<0.1	5.0	ppm
Selenium	<0.1	1.0	ppm

HAZARDOUS WASTE CHARACTERIZATION

PARAMETER	RESULT	EPA LIMIT	UNITS
Ignitability (Pensky-Martens Closed Cup)	88	140	F
Corrosivity, (pH)	7.48	<2.0 or >12.5	
Reactivity (H_2S)	11.2		ppm
Reactivity (HCN)	<0.4		ppm

METHODS: TCLP ORGANICS - EPA 8260/8270
METHODS: TCLP INORGANICS (Leachate) - EPA 1311/7000
METHODS: HWC - EPA SW 846

Manuel Garbalena

8/31/95
Date

CARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240
PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

TCLP ANALYSIS REPORT

Company: S.E.S
Address: 703 E. Clinton
City, State: Hobbs, NM 88240

Date: 12/13/95
Lab #: H2138-1

Project Name: Corrosion LTD
Location: Hobbs, NM
Sampled by: DB
Sample Type: Water

Date: 11/17/95
Sample Condition: intact

Sample ID: Underground Tank Nov 17, Sample Retest

HAZARDOUS WASTE CHARACTERIZATION

PARAMETER	RESULT	UNITS
Ignitability (Pensky-Martens Closed Cup)	>140	F

METHODS: HWC - EPA SW 846-7.3, 7.2, 1010

Mitch Irvin

12/14/95
Date

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505
(505)-827-7131

December 7, 1995

CERTIFIED MAIL
RETURN RECEIPT NO. Z-765-962-988

Mr. Tommie Farrell
President
Corrosion LTD.
P.O. Box 5097
Hobbs, NM 88241-5097

RE: Discharge Plan GW-205 - Septic Investigation
Corrosion LTD., Hobbs facility
Lea County, New Mexico

Dear Mr. Farrell:

The NMOCD has received the Corrosion LTD. septic analysis results dated August 31,1995 for the Corrosion LTD. facility located in SW/4 NE/4, Section 4, Township 19 South, Range 38 East, NMPM, Lea County, New Mexico. Outlined below are the OCD's observations of the septic investigation.

1. The results from the TCLP that was performed by Cardinal Laboratories showed a non--detect for all the TCLP parameters with the exception of barium with a level of 0.22 mg/L. This level is however below WQCC standard 3103A level of 1.0 mg/L and the 40 CFR part 261 level of 100 mg/L for barium.

2. The ignitability of 88 F appears to be questionable, and on October 11, 1995 the OCD discussed this matter by telephone with Mr. Farrell and it was agreed verbally that another sample would be obtained from the septic and ran by two separate labs to determine the validity of this flash point and serve as a quality check.

Based on the two above observations the OCD **can not at this point approve** of the continued use of the septic system at the above mentioned facility unless an analysis per part 2 above with regards to the flashpoint is submitted to the OCD. The flash point of 88 F would designate this a class IV hazardous waste well and subject to immediate closure, at which point the OCD would have to contact the NMED Hazardous Waste and Radioactive Materials Bureau.

Corrosion LTD. shall therefore submit a flash point verification analysis on the septic system within 30 days of receipt of this letter. The analysis will be sent to the Santa Fe OCD office for approval with a copy sent to Mr. Wayne Price of the Hobbs District office.

If you have any questions, please feel free to call me at (505)-827-7156.

Sincerely,

Patricio W. Sanchez
Petroleum Engineer

xc: Mr. Wayne Price-Environmental Engineer

Z 765 962 988

Receipt for Certified Mail
No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

UNITED STATES POSTAL SERVICE

Sent to Tommie Farrell	
Street and No. Corrosion LTD.	
P.O., State and ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form 3800, March 1993

Pat Sanchez

From: Pat Sanchez
To: Wayne Price
Cc: Roger Anderson
Subject: CORROSION LTD. - SEPTIC SAMPLE RESULTS
Date: Wednesday, October 11, 1995 11:24AM
Priority: High

Wayne, Roger and I have discussed the Flash Point results from the Lab that ran the samples for Corrosion LTD. and have the following recommendations:

1. Corrosion should have two labs run the flash point.
   As QA/QC each lab should not know the other is running the F.P.

2. Based on these results a determination can be made regarding the septic.

I talked with Mr. Farrell at 10:45 am today and made the above suggestion- he said it sounded good to him and he would also contact Wayne.

Thanks PWS

Pat Sanchez

From: Roger Anderson
Date sent: Thursday, October 12, 1995 7:10AM
To: Pat Sanchez
Subject: Registered: Roger Anderson

Your message
To: Roger Anderson
Subject: CORROSION LTD. - SEPTIC SAMPLE RESULTS
Date: Wednesday, October 11, 1995 11:24AM
was accessed on
Date: Thursday, October 12, 1995 7:10AM

Pat Sanchez

From: POSTOFFICE
To: Pat Sanchez
Subject: Registered: Wayne Price
Date: Thursday, October 12, 1995 3:47PM

[013] ***** CONFIRMATION OF REGISTERED MAIL *****
Your message:

TO: Wayne Price DATE: 10-11-95
SUBJECT: CORROSION LTD. - SEPTIC SAMPLE RESULTS TIME: 15:34

Was accessed on 10-12-95 15:47

MEMORANDUM OF MEETING OR CONVERSATION

X TELEPHONE ___ PERSONAL TIME 10:45 (AM)/PM DATE 10-11-95

ORIGINATING PARTY: Pat Sanchez - NMOCD
OTHER PARTIES: Tommie Farrell - Corrosion LTD.

SUBJECT: Septic Sample results

DISCUSSION: Discussed flash Point results of 88°F — Suggested that he have it resampled with two seperate labs and not let each lab know — this would be his QA/QC.

talk him that Roger and I had discussed — had not discussed with Wayne Price yet.

Reccommend that he sample himself - check with Wayne.

I told him to check for other labs — phone numbers.

CONCLUSIONS/AGREEMENTS: Tommie agreed to resample with two different Labs. He will also get with Wayne.

PATRICIO W. SANCHEZ: Patricio W. Sanchez

xc: FILE,

Also, got a call from S.E.S.
Dyke Browning — regarding the above.
Same — concern as us.

MEMORANDUM OF MEETING OR CONVERSATION

X TELEPHONE ___ PERSONAL TIME 8:30 (AM)/PM DATE 10-11-95

ORIGINATING PARTY: Pat Sanchez - NMOCD
OTHER PARTIES: WAYNE PRICE - NMOCD

SUBJECT: Septic Sampling at GW-205

DISCUSSION: Went over Cardinal Laboratories Report:

Not sure if enough Solids/Sludge was present to actually run a TCLP procedure - The lab should of Ran totals, by default - this is not clear in the report. Wayne SAID he was there (Corrosion LTD.) for Sampling - Mostly water - Not sure how they could of ran the TCLP.

- Also Question the Flash point - Wayne said he did not visually see any Hydrocarbon Layer and Questions the F.P. of 88°F. So do I.

CONCLUSIONS/AGREEMENTS: May be a good Idea for the owner (i.e. Corrosion) to Question the lab - also reccommend a resampling with totals ran than a Leaching procedure. Also - really question the validity of the Flash point being 88°F. I would expect H2S to be present in any septic - reducing environment.

PATRICIO W. SANCHEZ: Patricio W. Sanchez

xc: FILE,

Pensky - Martens
Closed Cup Tester
using ASTM
Standard
D-93-79 or
D-93-80
Reactivity Sulfides
500 mg/L CN 250 mg/L

CARDINAL LABORATORIES

PHONE (915) 673-7001 * 2111 BEECHWOOD * ABILENE, TX 79603
PHONE (505) 393-2326 * 101 E. MARLAND * HOBBS, NM 88240
PHONE (505) 326-4669 * 118 S. COMMERCIAL AVE. * FARMINGTON, NM 87401

TCLP ANALYSIS REPORT

Company: S.E.S.
Address: 703 E. Clinton
City, State: Hobbs, NM

Date: 8/31/95
Lab #: H2138

Project Name: Corrosion [illegible]limited
Location: Hobbs
Sampled by: DB
Sample Type: Water

Date: 8/16/95
Sample Condition: Cool/Intact

Sample ID: Underground Tank

TCLP ORGANICS

PARAMETER	RESULT	EPA LIMIT	UNITS
Pyridine	<0.002	5.00	ppm
o-Cresol	<0.002	200	ppm
m,p-Cresol	<0.004	200	ppm
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HAZARDOUS WASTE CHARACTERIZATION

PARAMETER	RESULT	EPA LIMIT	UNITS
Ignitability (Pensky-Martens Closed Cup)	>68	<140	°F
Corrosivity, (pH)	7.48	<2.0 or >12.5	
Reactivity (H2S)	1112		ppm
Reactivity (HCN)	<0.4		ppm

500 ppm okay. Per RCA

METHODS: TCLP ORGANICS - EPA 8260/8270
METHODS: TCLP INORGANICS (Leachate) - EPA 1311/7000
METHODS: HWC - EPA SW 846

Extraction procedure (Leaching procedure)

What is this?

Manuel Garbalena

8/31/95
Date

Environmental Analytical Services

CARDINAL LABORATORIES

118 S. Commercial Ave.
Farmington, NM 87401
505-326-4669
FAX 505-326-4535

101 E. Marland
Hobbs, NM 88240
505-393-2326
FAX 505-393-2476

Chain of Custody Record

Project I.D. Corrosion Unlimited
Project Location Hobbs
Sampled By Dyke Brownings
Client Name S.E.S.
Address 703 E. Clinton
Telephone (505) 397-0510

Sample Number	Date	Time	Composite	Grab	Sample Location	Number of Containers	Analysis Required: TCLP-Complete see remarks!	Remarks (Type sample, preservation, etc.)
1	8/16	12:30 p	✓		Underground Tank	1	X	only one set of results is needed - Both jars are the same sample
2	8/16	12:30 p	✓		"	1		

Released by: (Signature)	Date	Time	Received by: (Signature)
Dyke Brownings	9/16	12:30	Ena Carol Stewart
Released by: (Signature)	Date	Time	Received by: (Signature)

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such

CC: PAT SANCHEZ
JERRY SEXTON
B. I.

OIL CONSERVATION DIVISION
RECEIVED
'95 AU 22 AM 8 52

NEW MEXICO OIL CONSERVATION COMMISSION
FIELD TRIP REPORT

INSPECTION	CLASSIFICATION	FACILITY	HOURS	QUARTER HOURS

Name WAYNE PRICE Date 3/16/95 Miles _____ District I

Time of Departure 7 AM Time of Return 4 PM Car No. G 04

In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken.

Signature [signature]

CORROSION L.T.D. - GW-205

ON SITE INSPECTION:

WITNESSED SEPTIC TANK BEING SAMPLE BY ~~RED~~ ENVR. CONST. SAFETY SOLUTION - BY MR BROWING ~~CLASS~~ LEVEL C & B PROTECTION -

SAMPLE IS ≈ 99% WATER -

LAB SINK HAS BEEN DISMANTLED - NO LAB ANY MORE - DISCUSS NEW PLANS WITH TOM FARRELL - OWNER

SAMPLE PLAN ATTACHED.

Mileage		Per Diem		Hours	
UIC		UIC		UIC	
RFA		RFA		RFA	
Other		Other		Other	

TYPE INSPECTION PERFORMED

H = Housekeeping
P = Plugging
C = Plugging Cleanup
T = Well Test
R = Repair/Workover
F = Waterflow
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E = Indicates some form of enforcement action taken in the field (show immediately below the letter U, R or O)

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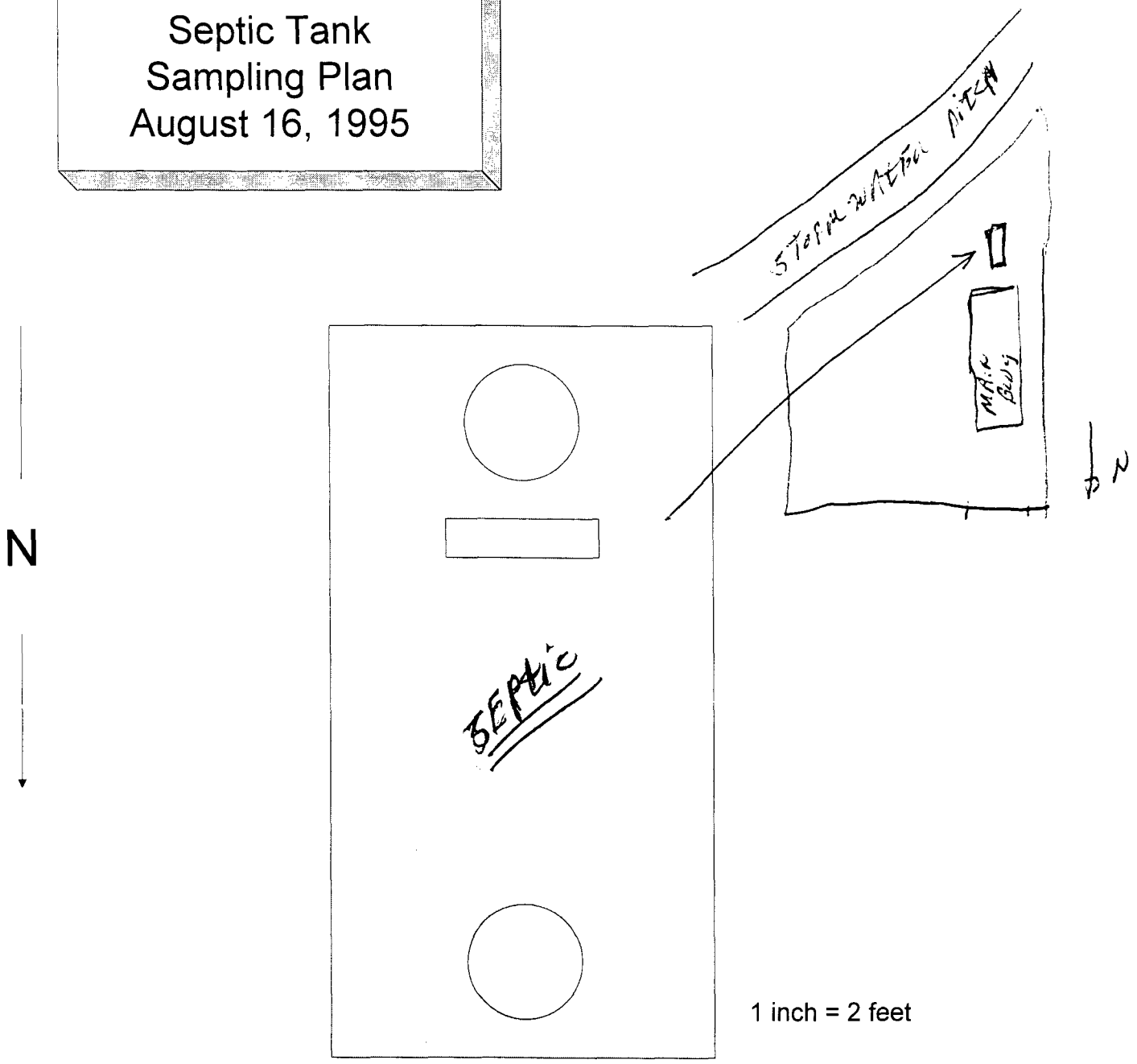
C = Combined prod. inj. operations
S = SWD
U = Underground Storage
G = General Operation
F = Facility or location
M = Meeting
O = Other

Corrosion Unlimited
Septic Tank
Sampling Plan
August 16, 1995



10 "MAIN BUILDING"

1. Two samples will be extracted from each of the three openings in the top of the septic tank using a 70" COLIWASA (1 inch diameter) made of unmodified polypropylene that meets CFR 40 and SWA - 846 Regulations and Standard Methods.
2. The samples will be composited and enclosed in an uncontaminated airtight container and packed on ice for transport to the laboratory.
3. Appropriate chain of custody forms will be completed by the sampler and the laboratory.
4. Appropriate personal protective equipment will be worn by the sampler.
5. Toxic Characteristic Leaching Procedure (TCLP) will be run on the sample at the laboratory.

Pat Sanchez

From: Wayne Price
To: Pat Sanchez
Cc: Wayne Price
Subject: Corrosion Ltd. DP# GW-205
Date: Thursday, August 03, 1995 3:03PM
Priority: High

Dear Pat,

Per our telephone conversation today, I agree with Corrosion's submittal to sample the septic system for full TCLP. I recommend that a composite sample be taken to include the different multi-phases that might be present.

This can be accomphlish by using a "Coliwasa". I have one in my office that is designed for this purpose. Corrosion Ltd. is more than welcome to use it.

By using this method this should clear up the issue of " if any possible hazardous waste" that might have been deposited into the septic system.

Pat Sanchez

From: Wayne Price
To: Pat Sanchez
Cc: Wayne Price
Subject: Corrosion Ltd. GW-205
Date: Wednesday, August 02, 1995 9:25AM
Priority: High

Dear Pat,

Thanks for faxing the info.

After reviewing this submittal I have the following recommendations concerning the septic system for its' continued use at the facility.

Since there was a connection at one time from the lab on site to the septic system, the following analysis should be run on the effluent water going to the leech field. These are screening methods and cost effective.

1. Effluent water going to the leech field.

The analysis should be Totals.

TOC- (Total Organic Carbon)
TOX- (Total Organic Halogens)
PH -
BOD -(Biochemical Oxygen Demand)
COD- (Chemical Oxygen Demand)
Phenols-
Metals- Chrome and Silver

2. Septic Sludge (when disposed of) should have a full TCLP.

I would recommend this with a disclaimer statement that any other constituents not analylized that is listed in the WQCC Regs' is Corrosion Ltd's resposibility for future libility.

Discussed with Wayne Price - He agrees that the TCLP should be ran.

Corrosion Ltd.

"Specializing in Drillpipe Corrosion"

P.O. Box 5097 • Hobbs, New Mexico 88241 • Phone (505) 393-8023

July 21, 1995

Mr. Patricio Sanchez
Petroleum Engineer
State of New Mexico
Energy, Minerals & Natural Resources Dept.
Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505

RE: Discharge Plan GW-205
Corrosion Ltd., Hobbs Facility
Lea County, NM

Dear Mr. Sanchez,

Corrosion Ltd. has received your comments and request for additional information concerning Corrosion Ltd.'s proposed discharge plan for our facility located in SW/4 NE/4, Section 04, Township 19 South, Range 39 East, NMPM, Lea County, New Mexico. It was a pleasure to talk with you by phone the other day and we appreciate your assistance in preparing our plan. You have been most helpful.

A. UNDER ITEM VII. - Submit a closure plan for the septic/leech field at the facility - Corrosion Ltd. has disconnected the drain in the lab and made it inoperable. The water supply to the lab has been turned off. All materials/supplies that were in the lab have been removed and stored in a closet. As previously indicated, very few fluid samples have been tested at the facility in the past. The samples are either tested at the dilling site or are taken to Unichem in Hobbs, NM or to Interchem in Odessa, TX. Attached, you will find Material Safety Data Sheets for the reagents used in testing the water samples. They are also listed below with an approximate amount used listed beside it.

Calver 2 Calcium Indicator	10 grams
Methyl Purple Indicator	5 ml
Hardness Buffer Solution	5 ml
— Potassium Chromate Indicator Sol'n	5 ml
— Silver Nitrate	150 ml
— Phenolpthalein Indicator Sol'n	5 ml
Sulfuric Acid	5 ml
Potassium Hydroxide	5 ml
EDTA Solution	100 ml
— Water Samples	less than 1 gal

Currently, the septic system is being used for domestic waste. Corrosion Ltd. proposes that a TCLP test be run on the system. If that test shows a problem with the system, then it would be closed. If not, then it would continue to be operated for domestic waste. If this is approved, we will have the test run by September 1, 1995.

B. UNDER ITEM VIII. - Address spill sorbents that are used for spill cleaning - and how these sorbents will be stored and disposed. - The sorbents in the warehouse are available for sale to the oil industry and for our own use. While in storage, it will be left on pallets in plastic bags and will remain inside the warehouse to protect it from the elements. The sorbent that is sold to others will become their property. It will be their responsibility to use the product according to proper recommendations, and then to dispose of in accordance to local, state and federal regulations. In the event that Corrosion Ltd. has need to use the sorbent, it will be disposed of through United Recyclers Services Of Texas, Inc., located in Dallas, TX.

C. UNDER ITEM XI. - In the event of a discharge of chemical, in such quantity as may with reasonable probability injure or be detrimental to human health, animal or plant life, or property, or unreasonably interfere with the public welfare or the use of property, procedures will be followed according to Section 1-203 of the WQCC and according to NMOCD Rule 116. Under WQCC OCD has primary jurisdiction over oilfield service companies. Therefore, in the event of a reportable spill, the Hobbs district office at 393-6161 will be notified.

D. UNDER ITEM XII. - Submit geological and Hydrological parameters-

There are no bodies of water, streams, or ground water discharge sites within one mile of our facility. There is a man made drainage ditch next to the east side of the facility. There is no water in the ditch unless there has been a very large rainfall. The only time that we have observed water in the ditch for more than a day was several years ago when there was a 10-12" rainfall in a few hours. The Hobbs City Engineer office was contacted about any water wells located within one-quarter mile. The city does not have any and has no knowledge of any others within that distance. Our facility is on city water. We have contacted the State Engineer in Roswell for further information concerning any water wells withing one-quarter mile of the facility. To our knowledge, there are none.
The depth to groundwater is, according to State Engineer records, 50' (feet) and the TDS (total dissolved solids)=100 mg/l.
The name of the aquifer for the area is the Ogallala which is composed of a water sand. The depth to rock at the base of the aquifer is approximately 200' and is in the Red Bed.
The soil type at the facility is a few inches of top soil and then approximately 30-40' (feet) of caliche. This information was obtained from the State Engineers office in Roswell and the Hobbs City Engineers Office.
In the 11 years that we have been at the site, there has never been any flooding of the facility.

E. UNDER ITEM XIII.

Corrosion Ltd. will comply with NMOCD Rule 116 and WQCC 1-203 spill reporting requirements. In the event of a discharge of chemical, in such quantity as may with reasonable probability injure or be detrimental to human health, animal or plant life, or property, or unreasonably interfere with the public welfare or the use of property, procedures will be followed according to NMOCD Rule 116 and WQCC 1-203. The Hobbs District office of OCD will be notified in the event of a reportable spill.

If you have any questions, please contact me at 1-800-669-3023. Again, we appreciate your help in preparing this discharge plan.

Sincerely,

Tommie Farrell
Corrosion LTD.

MATERIAL SAFETY DATA SHEET

For Assistance, Contact:
Regulatory Affairs Dept.
PO Box 907 Ames, IA

HACH COMPANY
PO BOX 907
AMES, IA 50010

Emergency T[redacted]ne #
(515) 232-[redacted]

I. PRODUCT IDENTIFICATION

CATALOG NUMBER: 281 PRODUCT NAME: CalVer® 2 Calcium Indicator
CAS. NO: Not applicable CHEMICAL NAME: Not applicable
FORMULA: Not applicable
CHEMICAL FAMILY: Not applicable

II. INGREDIENTS

INGREDIENTS	%	TWA	CAS NUMBER	NATURE of HAZARD	RCRA
Sodium Chloride	<100	None listed	7647-14-5	Irritates stomach when ingested in large quantities	None
Other components, each	<1	Not applicable	Not applicable	Not applicable	NA

III. PHYSICAL DATA

STATE: solid ; APPEARANCE: Deep blue crystals ; ODOR: faint amine

SOLUBILITY IN: WATER: Soluble ; ACID: Not determined ; OTHER: Not determined

BOILING PT.: NA ; MELTING PT.: 274C decomp ; SPECIFIC GRAVITY: 2.13 ; pH: of 5% soln = 7.9

VAPOR PRESSURE: Not applicable ; VAPOR DENSITY (air=1): NA ; EVAPORATION RATE: NA

METAL CORROSIVITY - ALUMINUM: None STEEL: None ; SHELF LIFE: stable >1 year

STORAGE PRECAUTIONS: Store tightly closed in a cool, dry place.

IV. FIRE, EXPLOSION HAZARD AND REACTIVITY DATA

FLASH PT.: Not applicable ; METHOD: NA ; FLAMMABILITY LIMITS - LOWER: NA UPPER: NA

SUSCEPTIBILITY TO SPONTANEOUS HEATING: None

SHOCK SENSITIVITY: None ; AUTOIGNITION PT.: ND

EXTINGUISHING MEDIA: water, carbon dioxide, or dry chemical

UNUSUAL FIRE AND EXPLOSION HAZARD: Not determined

HAZARDOUS DECOMPOSITION PRODUCTS: Not determined

OXIDIZER: No ; NFPA Codes Health: - Flammability: - Reactivity: -

CONDITIONS TO AVOID: Excess exposure to air (CO2 may make powder turn purple)

V. HEALTH HAZARD DATA

THIS PRODUCT IS irritating to eyes, skin and respiratory tract.

ACUTE TOXICITY: Slightly toxic
ROUTE OF MOST DETRIMENTAL EXPOSURE: Not applicable
TARGET ORGANS: Not applicable

CHRONIC TOXICITY: Slightly toxic
ROUTE OF MOST DETRIMENTAL EXPOSURE: Not applicable
TARGET ORGANS: Not applicable

LONG-TERM EFFECTS: Not applicable
ROUTE OF EXPOSURE: Not applicable
TARGET ORGANS: Not applicable

OVEREXPOSURE: May cause irritation

Hach Company
WORLD HEADQUARTERS
PO Box 389 Loveland, CO [illegible]

Hach Europe
BP 51
B5000 Namur 1
Belgium

VI. PRECAUTIONARY MEASURES

Wash thoroughly after handling.
Avoid contact with eyes, skin and clothing.
Do not breathe chemicals.

PROTECTIVE EQUIPMENT: adequate ventilation, safety glasses, disposable gloves

VII. FIRST AID

EYE AND SKIN CONTACT: Immediately flush eyes with water for 15 minutes. Call physician. Wash skin with soap and plenty of water.

INGESTION: Give large quantities of water or milk. Call physician immediately.

INHALATION: Remove to fresh air.

VIII. SPILL AND DISPOSAL PROCEDURES

IN CASE OF SPILL OR RELEASE: Scoop into a beaker and dissolve in water. Pour down the drain with excess water.

DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

IX. TRANSPORTATION DATA

PROPER SHIPPING NAME: NOR

HAZARD CLASS: Not applicable | ID: NA

DATE: 10/03/85! CHANGE NO.: 3925

X. REFERENCES

1) In-house information
2) Judgement of technical person compiling data.
3)
4)
5)
6)
7)
8)

Baroid Environmental, Safety and Transportation (BEST) Data Sheet

TRADE NAME: **METHYL PURPLE INDICATOR**

I. PRODUCT IDENTIFICATION

SUPPLIER: BAROID DRILLING FLUIDS, INC. (TESTING EQUIPMENT)
REGULAR TELEPHONE NO. (713) 987-5900

ADDRESS: P. O. Box 1675, Houston, TX 77251
EMERGENCY TELEPHONE NO. (713) 987-4000

CHEMTREC TELEPHONE NO.: (800) 424-9300

GENERIC DESCRIPTION: MIXTURE

516210002OZ

II. HAZARDOUS INGREDIENTS

NAME & CAS NUMBER	% BY WEIGHT	HAZARD DATA
NONE		

NFPA RATINGS: **HEALTH** 1 **FLAMMABILITY** 0 **REACTIVITY** 0
NFPA (National Fire Protection Association) ratings are based on the "Standard System for the Identification of the Fire Hazards of Materials"

III. PHYSICAL DATA

BOILING POINT: 212°F
MELTING POINT: 32°F

SPECIFIC GRAVITY: 1.0
VAPOR PRESSURE: LIKE WATER

VAPOR DENSITY (AIR=1): LIKE WATER
SOLUBILITY IN WATER: COMPLETE

% VOLATILES BY VOLUME/WEIGHT: NONE
pH: 4.8 - 5.4

EVAPORATION RATE (BUTYL ACETATE=1): ESSENTIALLY LIKE WATER

APPEARANCE AND ODOR: DARK OLIVE GREEN LIQUID, ODORLESS

IV. FIRE AND EXPLOSION DATA

FLASH POINT (METHOD): NA

FLAMMABLE LIMITS, % BY VOLUME: **LOWER** - NA **UPPER** - NA

FIRE EXTINGUISHING MEDIA: USE MEDIA APPLICABLE TO SURROUNDING MATERIAL.

SPECIAL FIREFIGHTING PROCEDURES: WEAR FULL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS

UNUSUAL FIRE AND EXPLOSION HAZARD: NOT CONSIDERED TO BE A FIRE OR EXPLOSION HAZARD.

ABBREVIATIONS USED: NA - Not Applicable ND - Not Determined P - Proprietary

V. HEALTH HAZARD INFORMATION

ACUTE ORAL, LD_{50}: ND **ACUTE DERMAL, LD_{50}** ND:

ACUTE INHALATION, LC_{50}: ND

AQUATIC TOXICITY, 96 HR LC_{50}: ND

CARCINOGENICITY: NOT ON NTP, IARC OR OSHA LISTS

EFFECTS OF EXPOSURE, ACUTE:

EYE CONTACT: MAY CAUSE IRRITATION

SKIN CONTACT: NOT EXPECTED TO BE A HEALTH HAZARD. MAY CAUSE SLIGHT IRRITATION.

INGESTION: LARGE DOSES MAY CAUSE STOMACH UPSET.

INHALATION: NO ADVERSE EFFECTS EXPECTED.

FIRST AID PROCEDURES:

EYE CONTACT: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ADVISE IF IRRITATION PERSISTS.

SKIN CONTACT: WASH EXPOSED AREA WITH SOAP AND WATER. IF IRRITATION DEVELOPS SEEK MEDICAL ATTENTION.

INHALATION: NOT EXPECTED TO REQUIRE FIRST AID MEASURES.

INGESTION: IF LARGE AMOUNTS WERE SWALLOWED, GIVE WATER TO DRINK AND GET MEDICAL ATTENTION.

VI. REACTIVITY DATA

STABILITY: MATERIAL IS STABLE

CONDITIONS TO AVOID: NA

INCOMPATIBILITY: NO INCOMPATIBILITY DATA FOUND.

HAZARDOUS DECOMPOSITION PRODUCTS: NO HAZARDOUS DECOMPOSITION PRODUCTS EXPECTED

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: NA

VII. PRECAUTIONS FOR SAFE HANDLING AND USE AND FOR SPILLS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP IN A TIGHTLY CLOSED CONTAINER, STORED IN A COOL, DRY, VENTILATED AREA. PROTECT AGAINST PHYSICAL DAMAGE, DIRECT SUNLIGHT AND FREEZING. AS PART OF A GOOD INDUSTRIAL AND PERSONAL HYGIENE AND SAFETY PROCEDURE, AVOID ALL UNNECESSARY EXPOSURE TO THE CHEMICAL SUBSTANCE AND ENSURE PROMPT REMOVAL FROM SKIN, EYES AND CLOTHING.

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: ABSORB WITH INERT MATERIAL AND HOLD FOR DISPOSAL.

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.

VIII. INDUSTRIAL HYGIENE CONTROL MEASURES

VENTILATION REQUIREMENTS: NOT EXPECTED TO REQUIRE ANY SPECIAL VENTILATION.

RESPIRATORY PROTECTION: NOT EXPECTED TO REQUIRE PERSONAL RESPIRATOR USAGE.

EYE PROTECTION: SAFETY GLASSES

GLOVES: CHEMICAL RESISTANT GLOVES

OTHER: APRON, CLEAN BODY COVERING CLOTHING

IX. TRANSPORTATION INFORMATION

DOMESTIC DOT:

PROPER SHIPPING NAME: NOT REGULATED

HAZARD CLASS: NA **LABEL:** NA **PLACARDS:** NA

ID NUMBER: NA **REPORTABLE QUANTITY:**

INTERNATIONAL - IMDG CODES OF THE IMO (INTERNATIONAL MARITIME ORGANIZATION)

PROPER SHIPPING NAME: NOT REGULATED

CLASS: **UN/NA:**

PACKAGING GROUP: **LABEL:**

X. REGULATORY INFORMATION

STATUS ON SUBSTANCE LISTS

FEDERAL EPA

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of Hazardous substances equal to or greater than the reportable quantities (RQs) in 40 CFR 302.4.

Components present in this product at a level which could require reporting under this statute are:

CHEMICAL	CAS NUMBER

NONE

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III
requires emergency planning based on Threshold Planning quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355 (used for SARA 302, 304, 311, and 312).

Components present in this product at a level which could require reporting under this statute are:

CHEMICAL	CAS NUMBER

NONE

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III
requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This information must be included in all MSDSs that are copied and distributed for this material.

Components present in this product at a level which could require reporting under this statute are:

CHEMICAL	CAS NUMBER

NONE

Toxic Substances Control Act (TSCA) Status: The ingredients of this product are on the TSCA inventory.

STATE RIGHT-TO-KNOW

California (CA), Massachusetts (MA), New Jersey (NJ), Pennsylvania (PA), and Canada (CAN), all have right-to-know laws for listed chemicals and components. The following table lists the components (indicated by an "L" or CN1/ CN2 for CAN) present in this product at such a level so as to be required to be listed by these statutes.

CHEMICAL	CAS NO.	% BY WT	CA	MA	NJ	PA	CAN
METHYLENE BLUE	61-73-44						CN1

The California statutes are covered under "Proposition 65". The statement required under Proposition 65 is as follows: "This product contains no levels of listed substances, which the state of California has found to cause cancer, birth defects or other reproductive harm which would require a warning under this statue."

In Massachusetts, the MSL (Massachusetts Substance List) lists components that are hazardous substances and extraordinarily hazardous substances that must be identified when present in a product.

In New Jersey, all components present in a product that are on the NJ Hazardous Substance List must be identified.

In Pennsylvania, the Hazardous Substances List and the Special Hazardous Substance List components that must be identified when present in a product.

In Canada, the Workplace Hazardous Materials Information System (WHMIS) establishes requirements for classifying hazardous substances that are used in the workplace, and the listing of these hazardous substances on material safety data sheets and container warning labels. Canada has two lists: one for hazardous substances that are present at one percent or greater, and one for extremely hazardous substances that are present at 0.1 percent or greater.

Prepared By: Environmental Services Date: APRIL, 1992

MATERIAL SAFETY DATA SHEET

Anderson Laboratories, Inc.
5901 Fitzhugh Avenue
Fort Worth, Texas 76119
Telephone 817-457-4474 EMERGENCY TEL. 800-424-9300 (CHEMTREC)

DATE: 1/6/87

The materials listed in this Data Sheet are classified in accordance with the definitions set forth in 29CFR Part 1910.1200

I. PRODUCT NAME: METH-O-PURPLE INDICATOR

CHEMICAL FAMILY: N/A
DOT SHIPPING NAME: N/R
DOT HAZARD CLASS: N/R
DOT I.D. NO.: N/R

HMIS DESIGNATION:
HEALTH 0
FLAMMABILITY 0
REACTIVITY 0
PERSONAL PROTECTION
glasses

HAZARD MATERIALS IDENTIFICATION SYSTEM
4 - Severe Hazard
3 - Serious Hazard
2 - Moderate Hazard
1 - Slight Hazard
0 - Minimal Hazard

II. COMPONENTS

Chemical	CAS.NO.	%	NTP Carcinogen List	Exposure Limits TLV	STEL	PEL
DYES		<1	NO	N/A	N/A	N/A
WATER	7732-18-5	MATRIX	NO	N/A	N/A	N/A

III. PERTINENT PHYSICAL DATA:

Boiling Point N/A Vapor pressure N/A mm Hg at N/A 'C.
Evaporation Rate: ____Faster ____Slower than ether. ___X__Not applicable.
Vapor Density: ____Heavier ____ Lighter than air. __X___Not applicable.
Appearance and odor: Dark colored odorless liquid.

IV. FIRE AND EXPLOSION DATA:

Flammability Classification: _____ DOT, ____ Flash Pt. ___x____Not applicable.
Extinguishing Media: ____Foam, ____Alcohol Foam, ____Dry Chemical _____Water Fog, ____x____Other.
Unusual Fire and Explosion Hazards: None

V. HEALTH HAZARD DATA:

Effects of over-exposure: NOT KNOWN
Toxicity Data: NOT KNOWN
Target Organs: NOT KNOWN
Primary Routes of Entry: _____Dermal, _____Inhalation, ___X____Ingestion
Emergency and First Aid Procedures: In case of contact, immediately flush eyes or skin with copious amounts of water for at least 15 minutes.

VI. REACTIVITY:

Stability: _____ Unstable, ____X____Stable
Hazardous Polymerization: _____ may occur, ___X___ will not occur.
Hazardous Decomposition Products: NONE
Conditions to avoid: NONE
Incompatibility (Materials to avoid) NONE

VII. SPILL AND LEAK PROCEDURES:

Flush spill area with copious amounts of water.

VIII. SAFE HANDLING AND USE INFORMATION:

Respiratory Protection: NOT APPLICABLE

Protective Gloves _____Yes ___X___No Eye Protection ___X____Yes _____No (Glasses__X___ Goggles_____)

Aprons_____ Lab Coat _____

IX. SPECIAL PRECAUTIONS:

Do not get in eyes.

Avoid skin contact.

DISCLAIMER OF LIABILITY

The information in this MSDS was obtained from sources which we believe are reliable. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, REGARDING ITS ACCURACY OR CORRECTNESS.

The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY DIRECTLY OR INDIRECTLY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THE PRODUCT OR THE INFORMATION FURNISHED THEREWITH.***

J. T. Baker Chemical Co.
222 Red School Lane Phillipsburg, N.J. 08865
24-Hour Emergency Telephone -- (201) 859-2151
Chemtrec # (800) 424-9300
National Response Center # (800) 424-8802

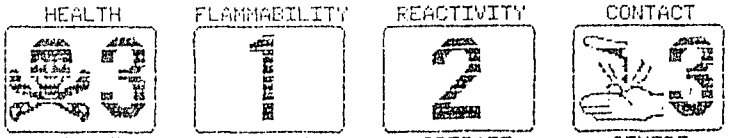
MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

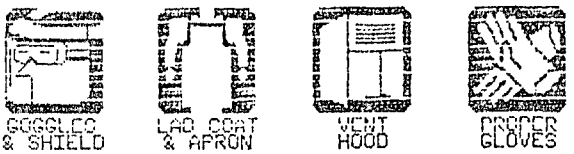
Product Name: Ammonium Hydroxide (Hardness Buffer Soln)
Formula: NH_4OH
Formula Wt: 35.05
CAS No.: 01336-21-6
NIOSH/RTECS No.: BQ9625000
Common Synonyms: Ammonia Solution; Aqua Ammonia
Product Codes: 4802,9730,9733,5350,9719,9729,5358,9721,9731,5019,9720,5138

PRECAUTIONARY LABELLING

BAKER SAF-T-DATA™ System



Laboratory Protective Equipment



Precautionary Label Statements

POISON! DANGER!
CAUSES BURNS
MAY BE FATAL IF SWALLOWED
VAPOR EXTREMELY IRRITATING
EXCEPTIONAL HEALTH AND CONTACT HAZARDS - READ MATERIAL SAFETY DATA SHEET
Do not get in eyes, on skin, on clothing.
Avoid breathing vapor. Keep in tightly closed container. Loosen closure cautiously. Use with adequate ventilation. Wash thoroughly after handling. In case of spill, flush spill area with water.

SECTION II - HAZARDOUS COMPONENTS

Component	%	CAS No.
Ammonium Hydroxide	20-30	1336-21-6

SECTION III - PHYSICAL DATA

Boiling Point: N/A Vapor Pressure(mmHg): N/A

Continued on Page: 2

SECTION III - PHYSICAL DATA (Continued)

Melting Point: -78°C (-108°F) Vapor Density(air=1): N/A

Specific Gravity: 0.90 (H_2O=1) Evaporation Rate: N/A (Butyl Acetate=1)

Solubility(H_2O): Complete (in all proportions) % Volatiles by Volume: 100

Appearance & Odor: Clear colorless solution with a strong odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A NFPA 704M Rating: 3-1-0

Flammable Limits: Upper - N/A % Lower - N/A %

Fire Extinguishing Media

Use extinguishing media appropriate for surrounding fire.

Special Fire-Fighting Procedures

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive pressure mode. Move exposed containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool; do not get water inside containers.

Unusual Fire & Explosion Hazards

Gives off flammable vapors. Vapors may form explosive mixture with air. Closed containers exposed to heat may explode.

Toxic Gases Produced

ammonia, hydrogen gas

SECTION V - HEALTH HAZARD DATA

Toxicity test results and safety and health effects are based on the solute.

Threshold Limit Value (TLV/TWA): 18 mg/m^3 (25 ppm)

Short-Term Exposure Limit (STEL): 27 mg/m^3 (35 ppm)

Permissible Exposure Limit (PEL): 35 mg/m^3 (50 ppm)

Toxicity: LD_{50} (oral-rat)(mg/kg) - 350

Continued on Page: 3

SECTION V - HEALTH HAZARD DATA (Continued)

Carcinogenicity: NTP: No IARC: No Z List: No OSHA reg: No

Effects of Overexposure

Inhalation of vapors may cause severe irritation or burns of the respiratory system, pulmonary edema, or lung inflammation.
Contact with skin or eyes may cause severe irritation or burns.
Prolonged eye contact may cause permanent damage to the cornea and blindness may occur.
Ingestion may cause severe burning of mouth and stomach.
Ingestion is harmful and may be fatal.

Medical Conditions Generally Aggravated By Exposure

None Identified

Routes Of Entry

inhalation, ingestion, eye contact, skin contact

Emergency and First Aid Procedures

CALL A PHYSICIAN.
If swallowed, do NOT induce vomiting; if conscious, give large amounts of water. Follow with diluted vinegar, fruit juice or whites of eggs, beaten with water.
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Wash clothing before re-use.

SECTION VI - REACTIVITY DATA

Stability: Stable Hazardous Polymerization: Will not occur

Conditions to Avoid: heat

Incompatibles: strong acids, alkali metals, strong oxidizing agents, bromine, chlorine, aluminum, copper, brass, bronze, mercury, dimethyl sulfate

Decomposition Products: ammonia

SECTION VII - SPILL AND DISPOSAL PROCEDURES

Steps to be taken in the event of a spill or discharge

Wear self-contained breathing apparatus and full protective clothing. Stop leak if you can do so without risk. Ventilate area. Carefully neutralize spill with dilute HCl. Flush area with flooding amounts of water. (Use caution.)

Continued on Page: 4

SECTION VIII - SPILL AND DISPOSAL PROCEDURES (Continued)

J. T. Baker Neutracit-2® caustic neutralizer is recommended for spills of this product.

Disposal Procedure

Dispose in accordance with all applicable federal, state, and local environmental regulations.

EPA Hazardous Waste Number: D002; D003 (Corrosive, Reactive Waste)

SECTION VIII - INDUSTRIAL PROTECTIVE EQUIPMENT

Ventilation: Use general or local exhaust ventilation to meet TLV requirements.

Respiratory Protection: Respiratory protection required if airborne concentration exceeds TLV. At concentrations up to 25 ppm, a chemical cartridge respirator with ammonia/amine cartridge and dust/mist filter is recommended. Above this level, a self-contained breathing apparatus is advised.

Eye/Skin Protection: Safety goggles and face shield, uniform, protective suit, rubber gloves are recommended.

SECTION IX - STORAGE AND HANDLING PRECAUTIONS

SAF-T-DATA™ Storage Color Code: White Stripe

Special Precautions

Keep container tightly closed. Store in corrosion-proof area. Store below 25°C.

SECTION X - TRANSPORTATION DATA AND ADDITIONAL INFORMATION

DOMESTIC (D.O.T.)

Proper Shipping Name	Ammonium hydroxide (12-44% ammonia)
Hazard Class	Corrosive material (liquid)
UN/NA	NA2672
Labels	CORROSIVE
Reportable Quantity	1000 LBS.

INTERNATIONAL (I.M.O.)

Proper Shipping Name	Ammonia solutions (10-35% ammonia)
Hazard Class	8
UN/NA	UN2672
Labels	CORROSIVE

Continued on Page: 5

N/A = Not Applicable or Not Available

The information published in this Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions. We reserve the right to revise Material Safety Data Sheets periodically as new information becomes available.

-- LAST PAGE --

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing, Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.
NL Baroid/NL Industries, Inc.	713/527-1447
ADDRESS (Number, Street, City, State, and ZIP Code) 2404 Southwest Freeway, Houston, Texas 77098 P.O. Box 1675 (77251)	
CHEMICAL NAME AND SYNONYMS Tarapacaite	TRADE NAME AND SYNONYMS Potassium Chromate Indicator Solution
CHEMICAL FAMILY Inorganic salt solution	FORMULA K_2CrO_4

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	NA		BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
	NA	

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)		SPECIFIC GRAVITY (H_2O=1) pure solid	2.73
VAPOR PRESSURE (mm Hg.)		PERCENT, VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____ =1)	
SOLUBILITY IN WATER	High		
APPEARANCE AND ODOR	Yellow, mustard-like color		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	Lel	Uel
NA			

EXTINGUISHING MEDIA
carbon dioxide, dry chemicals, water

SPECIAL FIRE FIGHTING PROCEDURES

UNUSUAL FIRE AND EXPLOSION HAZARDS

(Continued on reverse side)

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE
TWA = 0.5 mg/m^3 (ACGIH)

EFFECTS OF OVEREXPOSURE
Corrosive to body tissues; exposed parts may develop ulcerations. Inhalation may cause nasal irritation; septal perforation; lung irritation; and lung cancer. Ingestion causes vomiting, diarrhea, & irritation of the G.I. tract.

EMERGENCY AND FIRST AID PROCEDURES
Eyes and skin: Flush all exposed areas with large amounts of water; call physician.

Inhalation and Ingestion: Call physician

SECTION VI - REACTIVITY DATA

STABILITY			CONDITIONS TO AVOID
	UNSTABLE		
	STABLE	X	

INCOMPATABILITY *(Materials to avoid)*
reducing agents

HAZARDOUS DECOMPOSITION PRODUCTS
Chromium oxides

HAZARDOUS POLYMERIZATION			CONDITIONS TO AVOID
	MAY OCCUR		
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Use absorbent material to collect spills (sawdust, vermiculite). It may be neutralized by adding to large volume of water, mixing in soda ash, and then a 6 M solution of HCl.

WASTE DISPOSAL METHOD
Add slowly to a large container of water. Stir in slight excess of soda ash. Allow to react for 24 hours. Decant into separate container and neutralize with 6 M solution of HCl. Wash with excess water to drain. Check with local, state, and federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION *(Specify type)*
Respirator (cartridge type)

VENTILATION			
	LOCAL EXHAUST		SPECIAL
	MECHANICAL *(General)*	X	OTHER

PROTECTIVE GLOVES	EYE PROTECTION
rubber, neoprene	safety glasses, goggles, faceshields

OTHER PROTECTIVE EQUIPMENT
apron, coveralls, bib of protective material.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Store in cool, dry area that is separate from reducing materials.

OTHER PRECAUTIONS
Keep well closed.

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910. 1200. Standard must be consulted for specific requirements.

Silver Nitrate
QUICK IDENTIFIER
Common Name: (used on label and list)

SECTION I -

Manufacturer's Name: Baddley Chemicals, Inc.

Address: 7445 Town South

Emergency Telephone No.: (800) 356-8696

City, State, and ZIP: Baton Rouge, LA 70808

Other Information Calls: (504) 769-6585

Signature of Person Responsible for Preparation (Optional)

Date Prepared: 2/86

SECTION 2 – HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	Other Exposure Limits	% (optional)	CAS NO.
Silver Nitrate		0.01mg/m^3		100%	7761-88-8

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point: 825°C

Specific Gravity (H2O=1): 4.35

Vapor Pressure (mm Hg): NA

Vapor Density (Air = 1): NA

Solubility in Water: 2g/ml; very soluble

Reactivity in Water: None

Appearance and Odor: white crystals

Melting Point:

SECTION 4 – FIRE & EXPLOSION DATA

Flash Point: NA °F °C

Method Used:

Flammable Limits in Air % by Volume — LEL Lower: NA

UEL Upper: NA

Auto-Ignition Temperature: dec 825°C

Extinguisher Media: water (or dry chemical to minimize loss by dissolving)

Special Fire Fighting Procedures: $AgNO_3$ supports combustion (strong oxidizer); remove flammable materials from vicinity

Unusual Fire and Explosion Hazards: None

Stability: Stable XX; Unstable [ ] Conditions to Avoid: heat and light; decomposes at 825°C

Incompatability (Materials to Avoid): combustibles and oxidizable materials; acetylene; ammonia

Hazardous Decomposition Products: nitrogen oxides

Hazardous Polymerization: May Occur [ ] Will Not Occur XX; Conditions to Avoid

SECTION 6 - HEALTH HAZARDS

1. Acute / 2. Chronic

Signs and Symptoms of Exposure: chemical burns to eyes and skin 'skin stains; pigmentation of mucous membranes (argyria). produces dark stains on skin; may produce burns. caustic and irritating to mucous membranes.

Medical Conditions Generally Aggravated by Exposure: if swallowed may be fatal

Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	I.A.R.C. Monographs	OSHA
	Yes [ ] No XX	Yes [ ] No XX	Yes [ ] No XX

Emergency and First Aid Procedures: Flush thoroughly with water for 15 minutes; get immediate medical attention; if swallowed, induce vomiting; call a physician.

ROUTES OF ENTRY

1. Inhalation: yes
2. Eyes: yes
3. Skin: yes
4. Ingestion: yes

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage: do not expose to light, air, or moisture. Avoid contact with skin. No eating or smoking in work area.

Other Precautions: store away from flames and oxidizables. Use DOT Oxidizer label. Store at 50-90°F preferably

Steps to be Taken in Case Material is Released or Spilled: sweep up and place in tight container

Waste Disposal Methods (Consult federal, state, and local regulations): return to manufacturer for silver recovery.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type): Racal helmet recommended

Ventilation	Local Exhaust	Mechanical (General)	Special	Other
well ventilated				

Protective Gloves: non-absorbent; impervious

Eye Protection: goggles

Other Protective Clothing or Equipment: non-absorbent outer clothing recommended

Work Hygienic Practices: no eating or smoking in work area

IMPORTANT

Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing, Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.
NL Baroid/NL Industries, Inc.	713/527-1447
ADDRESS (Number, Street, City, State, and ZIP Code)	
2404 Southwest Freeway, Houston, Texas 77098 P.O. Box 1675 (77251)	
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS
3,3-bis (p-hydroxyphenyl) phthalide; Laxin	Phenolpthalein Indicator Solution
CHEMICAL FAMILY	FORMULA
	$C_{20}H_{14}O_4$

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS 2 - propanol		980mg/m³	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.) a		SPECIFIC GRAVITY (H_2O=1)	0.79
VAPOR PRESSURE (mm Hg.) @20°C		PERCENT, VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)	2.07	EVAPORATION RATE (_____ =1)	
SOLUBILITY IN WATER	High		
APPEARANCE AND ODOR	Clear, colorless liquid, odorless		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	LEL	UEL
53°F closed cup			

EXTINGUISHING MEDIA: carbon dioxide, dry chemical

SPECIAL FIRE FIGHTING PROCEDURES:

UNUSUAL FIRE AND EXPLOSION HAZARDS: May react vigorously with oxidizers; keep away from heat and flames.

(Continued on reverse side)

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE
TWA = 980 mg/m^3 (ACGIH)

EFFECTS OF OVEREXPOSURE
Skin and eye irritant; ingestion may cause headaches, dizziness, nausea, vomiting (100 ml can be fatal); inhalation may irritate nose & throat and acts as a narcotic in high concentrations.

EMERGENCY AND FIRST AID PROCEDURES

Skin and Eyes: Flush with large amounts of water; call physician.

INGESTION: Call physician INHALATION: Get victim to fresh air; if breathing stops, administer artificial respiration.

SECTION VI - REACTIVITY DATA

STABILITY			CONDITIONS TO AVOID
	UNSTABLE		
	STABLE	X	

INCOMPATABILITY *(Materials to avoid)*
Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS
Carbon monoxide, carbon dioxide

HAZARDOUS POLYMERIZATION			CONDITIONS TO AVOID
	MAY OCCUR		
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Keep heat and flames away from contaminated area. Absorbent material should be used to collect spilled product such as HAZORB.

WASTE DISPOSAL METHOD
Check with local, state, and federal regulation.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION *(Specify type)*
Organic vapor respirator

VENTILATION		
	LOCAL EXHAUST	SPECIAL
	MECHANICAL *(General)* X	OTHER

PROTECTIVE GLOVES	EYE PROTECTION
rubber, neoprene	safety glasses, face-shield, goggles

OTHER PROTECTIVE EQUIPMENT
apron, coveralls, bib

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Store in cool, dry place.

OTHER PRECAUTIONS

Taylor Catalog #R-0638

MATERIAL SAFETY DATA SHEET

SECTION I - MANUFACTURER'S INFORMATION

Manufacturer's Name: Taylor Technologies, Inc.
31 Loveton Circle
Sparks, MD 21152

Emergency Telephone No.: 301-472-4340

Chemical Name and Synonyms: aqueous solution of phenolphthalein (CAS No. 77-09-8) and isopropyl alcohol (CAS No. 67-63-0)

Trade Name and Synonyms: Phenolphthalein Indicator

Chemical Family: alcoholic organic dye solution

SECTION II - HAZARDOUS INGREDIENTS: Listed Below X Not Applicable __

Component	Percentage	Hazard
isopropyl alcohol	39.1 (w/v) 44.0 (w/w)	flammable

SECTION III - PHYSICAL DATA

Boiling Point(°F): 180

Specific Gravity: .93

Vapor Pressure(mm Hg): 25

Percent Volatile By Volume: 99.5

Vapor Density (Air=1): 1.6

Solubility in Water: complete

pH of Solution: NA

Appearance and Odor: colorless liquid with odor of alcohol

SECTION IV - FIRE & EXPLOSION DATA: Listed Below X Not Applicable __

Flash Point(Method Used): 75 F (closed cup)

Flammable Limits: Lel: 2% Uel: 12%

Extinguishing Media:

Foam, CO2, dry chemical; water may be ineffective.

Special Fire Fighting Procedures & Unusual Fire and Explosion Hazards:

Vapors are flammable and explosive. Cool exposed containers with water. Stay upwind and use water spray to knock down vapors. Flashback along vapor trail may occur. Toxic gases can be formed in fire. Self-contained breathing apparatus required.

SECTION V - HEALTH HAZARD DATA: Listed Below X Not Applicable __

Threshold Limit Value: 400 ppm isopropyl alcohol in air

TXDS: LD50 (orl-rat): 5840 mg/kg LDLo (orl-man): 8600 mg/kg

Effects of Overexposure:
Vapors irritating to eyes and nasal passages and can cause narcosis. Liquid irritating to eyes, skin and open cuts. Ingestion can cause severe gastric disturbance.

Emergency and First Aid Procedures:
For inhalation, remove to fresh air. If complications occur, get medical attention. For contact with skin, wash thoroughly with soap and water. If irritation or redness persist, seek medical attention. For contact with eyes, flush well (15 minutes) with water and get medical attention. If ingested, contact physician at once and give large amounts of water. Induce vomiting under direction of physician.

SECTION VI - REACTIVITY DATA:

Material is stable but vapors are flammable and explosive. Should be kept away from oxidizing agents, sparks and flames.

SECTION VII - SPILL OR LEAK PROCEDURES:

Steps to be Taken in Case Material is Released or Spilled:

Extinguish open flames and remove sparking hazard. Absorb with vermiculite, or other inert material, and containerize for later disposal. Label container "FLAMMABLE" and store away from flames, sparks and high temperatures in a well-ventilated area.

Waste Disposal Method:

Dispose of by incineration or other method approved of by local, state, or federal regulations.

SECTION VIII - SPECIAL PRECAUTIONS:

Store and use in a well-ventilated area. Avoid temperature extremes, flames, sparks, vapor build-up. Avoid unnecessary contact, breathing of vapors, etc. General purpose gloves, safety glasses or goggles, and lab coat should be worn when handling.

This Material Safety Data Sheet has been prepared in accordance with 29 CFR Part 1910.1200. It contains information that we believe to be true and complete at the date of preparation. However, no warranty is expressed or implied. Advice given under "Waste Disposal" assumes compliance with Federal, State and Local regulations regarding the disposal of hazardous waste.

Stephen M. Bacon — Chief Chemist — March 1989

Stephen M. Bacon — Title — Revision Date

MATERIAL SAFETY DATA SHEET

"ESSENTIALLY SIMILAR" TO OSHA FORM 20

ADDRESS:
McCord Testing Equipment, Inc
117-A N. Council Road
Oklahoma City, OK 73127

Emergency Phone Number(s)
Business: (405) 787-9124
Other: Chemtrec-(800)424-9300

PRODUCT IDENTIFICATION

Product Name: Sulfuric Acid
Code No.: Unknown

Chemical Name and Molecular Formula: Sulfuric Acid, H_2SO_4

CAS No.(s): 7664-93-9

Synonyms: Sulfuric Acid

Chemical Family: Sulfuric Acid

HAZARDOUS INGREDIENTS

MATERIALS OR COMPONENTS	% w/w	HAZARD DATA (TLV, LD50, LC50, etc.)
Sulfuric Acid		1 mg/m^3 TLV Units

SHIPPING INFORMATION

Ship in tightly closed container. Mark outside of package with "Corrosive Label", designate as corrosive material, Sulfuric Acid, quantity UN #1830

PHYSICAL PROPERTIES

Boiling Point/Range	Melting Point	Freezing Point	Molecular Weight (Calculated)
°C 550 °F	NA °C °F	Unknown °C °F	Unknown

Specific Gravity (H_2O=1)	Vapor Pressure (mm Hg)	Vapor Density (Air=1)
1.84 @ / °C	1 @ 20 °C °F	ND

Solubility in H_2O: Complete

% Volatiles by Volume: ND

Evaporation Rate: NA ☐ Ether = 1 ☐ Water = 1 ☐ Butylacetate = 1

Appearance and Odor: Colorless to cloudy liquid, oderless

Other:

FIRE AND EXPLOSION DATA

Flash Point: NA °C °F — Test Method:

Flammable Limits: Lower NA % Upper NA %

Autoignition Temperature/Fire Point: NA °C °F

EXTINGUISHING MEDIA

☐ Water-spray ☐ Water-fog ☐ Water stream ☐ CO_2 ☒ Dry chemical ☐ Alcohol foam ☐ Foam ☐ Earth or sand

SPECIAL FIRE FIGHTING PROCEDURES

☐ Do not enter building ☐ Allow fire to burn ☐ Water may cause frothing ☒ Do not use water ☒ Use self-contained breathing apparatus Use proper protective clothing (Water may cause spattering)

UNUSUAL FIRE AND EXPLOSION HAZARDS

☐ Dust explosion hazard ☐ Sensitive to shock ☐ Contamination ☒ Temperature ☐ Other (specify): Reacts violently w/water & Organic materials w/ evolution of heat

REACTIVITY DATA

STABILITY

☒ Stable ☐ Unstable

CONDITIONS CONTRIBUTING TO INSTABILITY

☐ Thermal decomposition ☐ Photo degradation ☐ Polymerization ☒ Contamination w/water

INCOMPATIBILITY - Avoid contact with

☒ Strong acids ☐ Strong alkalis ☐ Strong oxidizers ☒ Other (specify): Organics, carbides, chlorates, nitrates, metals

HAZARDOUS DECOMPOSITION PRODUCTS - THERMAL AND OTHER (list)

Sulfur Oxides

CONDITIONS TO AVOID

☐ Heat ☐ Open flames ☐ Sparks ☐ Ignition sources ☒ Other (specify): Violent reaction if water spills in acid.

SPILL OR LEAK

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

☒ Flush with water ☒ Absorb with sand or inert material ☐ Neutralize ☐ Sweep or scoop up and remove ☐ Keep upwind. Evacuate enclosed spaces. ☐ Prevent spread of spill

☐ Dispose of immediately ☒ Other (specify): Placed in sealed container for disposal.

WASTE DISPOSAL METHOD - *Consult federal, state, or local authorities for proper disposal procedures.*

Dispose of in accordance with all federal, state and local regulations

CONTINUED ON REVERSE SIDE

Before using product, read and follow directions and precautions on product label and bulletins.

TOXICITY

Oral (acute)
Irration of th[redacted]at and stomach membranes/possible severe burns

Dermal (acute)
Irritation or burning of skin (possibly severe)

Eye
Possibly severe
Irriration or burning of eyes

Inhalation (acute)
Not important route of entry

Chronic, Subchronic, etc.
Severe burns upon contact. Overexposure may cause death.

Not a Carcinogen by National Toxicology Program, I,A.R.C. Monographs and OSHA

PRECAUTIONARY INFORMATION — Effects of Exposure

PERMISSIBLE EXPOSURE LIMIT (Specify if TLV/TWA or Ceiling [c]): ACGIH 19___ | OSHA 19___ | Other:

IRRITATION: [XX] Skin [X] Severe [ ] Moderate; [XX] Eye [X] Severe [ ] Moderate [ ] Mild (transient)

CORROSIVITY: [XX] Skin [ ] 4 hrs. (DOT) [ ] 24 hrs. (CPSC); [XX] Eye [ ] May cause blindness

SENSITIZATION: Unknown — [ ] Skin [ ] Respiratory [ ] Allergen

INHALATION EFFECTS: Not determined — [ ] Narcotic effect [ ] Cyanosis [ ] Asphyxiant

LUNG EFFECTS (Specify): Not determined

OTHER (Specify): [ ] Repeated contact - skin defatter [ ] Other (Specify): Not known

Emergency First Aid

INGESTION: [ ] Induce vomiting [XX] Do NOT induce vomiting [XX] Give plenty of water [XX] Get medical attention [ ] Other (specify):

DERMAL: [X] Flush with soap and water [ ] Get medical attention [X] Contaminated clothing - remove & launder [ ] Contaminated shoes - destroy [ ] Other (specify):

EYE CONTACT: [XX] Flush with plenty of water for at least 15 minutes [ ] Get medical attention [ ] Other (specify):

INHALATION: [ ] Remove to fresh air [ ] If not breathing, give artificial respiration [ ] Give oxygen [ ] Get medical attention [ ] Other (specify): NA

SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS — *Always maintain exposure below permissible exposure limits*
[ ] Consult an industrial hygienist or environmental health specialist [X] Local exhaust [X] Use with adequate ventilation [ ] Check for air contaminant and oxyge.. deficiency
[ ] Other (specify):

EYE: [ ] Safety glasses [X] Face shield and goggles [ ] Goggles

HAND (GLOVE TYPE): [ ] Polyvinyl chloride [ ] Neoprene [X] Natural rubber [ ] Butyl rubber [ ] Polyvinyl alcohol [ ] Poly-ethylene [ ] Other (specify.. (Acid- esistant)

RESPIRATOR TYPE - *Use only NIOSH approved equipment*
[ ] Self-contained [ ] Supplied air [X] Can or cartridge gas or vapor [ ] Filter - dust, fume, mist [ ] Other (specify):

OTHER PROTECTIVE EQUIPMENT
[XX] Rubber boots [XX] Apron [X] Other (specify): Rubber pants, hat, safety shower, eye wash

SPECIAL PRECAUTIONS

PRECAUTIONARY LABELING
[X] Wash thoroughly after handling [X] Do not get in eyes, on skin or clothing [ ] Do not breathe dust, vapor, mist, gas [ ] Keep container closed [ ] Keep away from heat, sparks, and open flames [ ] Store in tightly closed containers
[X] Do not store near combustibles [XX] Keep from contact with clothing and other combustible materials [ ] Empty container may contain hazardous residues [ ] Use explosion-proof equipment [ ] Other (specify):

Other handling and storage conditions
No smoking, cutting or welding in immediate vicinity of H_2SO_4 storage.

SIGMA® chemical company

THE WORLD'S FOREMOST MANUFACTURER OF RESEARCH BIOCHEMICALS AND DIAGNOSTIC REAGENTS

PHONE TOLL FREE
CONTINENTAL U.S.A. (EXCL. MO.)
1-800-325-8070
OR PHONE COLLECT
1-314-771-5765
FROM ANYWHERE IN THE WORLD
MAILING ADDRESS: P.O. BOX 14508, ST. LOUIS, MO. 63178, U.S.A.

CABLE ADDRESS: SIGMACHEM TWX: 910-761-0593
EMERGENCY PHONE 1-314-771-5765

ATTN: SAFETY DIRECTOR
MC CORD TESTING
EQUIPMENT
SUITE H
1401 SOUTH COUNCIL
OKLAHOMA CY OK 73128

DATE: 01/08/88

CUST#: 6-071-58820 PO#: PHN 01/08/88
DAVE MCCOURD

MATERIAL SAFETY DATA SHEET

IDENTIFICATION

PRODUCT #: P1767 NAME: POTASSIUM HYDROXIDE
CAS #: 1310-58-3

TOXICITY HAZARDS

RTECS NO: TT2100000
POTASSIUM HYDROXIDE
IRRITATION DATA
SKN-HMN 50 MG/24H SEV TXAPA9 31,481,75
SKN-RBT 50 MG/24H SEV TXAPA9 31,481,75
EYE-RBT 1 MG/24H RINSE MOD TXAPA9 32,239,75
SKN-GPG 50 MG/24H SEV TXAPA9 31,481,75
TOXICITY DATA
ORL-RAT LD50:273 MG/KG FAATDF 8,97,87
REVIEWS, STANDARDS, AND REGULATIONS
ACGIH TLV-CL 2 MG/M3 85INA8 5,495,86
EPA TSCA CHEMICAL INVENTORY, 1986
NIOSH ANALYTICAL METHODS: SEE ALKALINE DUSTS, 7401
MEETS CRITERIA FOR PROPOSED OSHA MEDICAL RECORDS RULE FEREAC 47,30420, 82

ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES (RTECS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR COMPLETE INFORMATION.

HEALTH HAZARD DATA

ACUTE EFFECTS
HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN.
MATERIAL IS EXTREMELY DESTRUCTIVE TO TISSUE OF THE MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT, EYES AND SKIN.
INHALATION MAY BE FATAL AS A RESULT OF SPASM, INFLAMMATION AND EDEMA OF THE LARYNX AND BRONCHI, CHEMICAL PNEUMONITIS AND PULMONARY EDEMA.
SYMPTOMS OF EXPOSURE MAY INCLUDE BURNING SENSATION, COUGHING, WHEEZING, LARYNGITIS, SHORTNESS OF BREATH, HEADACHE, NAUSEA AND VOMITING.
FIRST AID
IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES.
ASSURE ADEQUATE FLUSHING OF THE EYES BY SEPARATING THE EYELIDS WITH FINGERS.
IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
IN CASE OF EXPOSURE, OBTAIN MEDICAL ATTENTION IMMEDIATELY.
DISCARD CONTAMINATED CLOTHING AND SHOES.

PHYSICAL DATA

MELTING PT: 361 C
SPECIFIC GRAVITY: 2.044

CONTINUED ON NEXT PAGE

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CABLE ADDRESS: SIGMACHEM TWX: 910-761-0593

MATERIAL SAFETY DATA SHEET

CUST#: 6-071-58820 PO#: PHN 01/08/88

DAVE MCCOURD

PRODUCT #: P1767 NAME : POTASSIUM HYDROXIDE

PHYSICAL DATA

VAPOR PRESSURE: 1 MM @ 719 C

FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA
NON-COMBUSTIBLE.
USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.
DO NOT USE WATER.
SPECIAL FIREFIGHTING PROCEDURES
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.
UNUSUAL FIRE AND EXPLOSIONS HAZARDS
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

REACTIVITY DATA

INCOMPATIBILITIES
ALUMINUM
ORGANIC MATERIALS
ACID CHLORIDES
ACID ANHYDRIDES
MAGNESIUM
COPPER
DO NOT HEAT ABOVE MELTING POINT.
PROTECT FROM MOISTURE.
AVOID CONTACT WITH ACID.
ABSORBS CO2 FROM AIR.
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
NATURE OF DECOMPOSITION PRODUCTS NOT KNOWN

SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED
WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES.
SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.
AVOID RAISING DUST.
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.
WASTE DISPOSAL METHOD
FOR SMALL QUANTITIES: CAUTIOUSLY ADD TO A LARGE STIRRED EXCESS OF WATER. ADJUST THE PH TO NEUTRAL, SEPARATE ANY INSOLUBLE SOLIDS OR LIQUIDS AND PACKAGE THEM FOR HAZARDOUS-WASTE DISPOSAL. FLUSH THE AQUEOUS SOLUTION DOWN THE DRAIN WITH PLENTY OF WATER. THE HYDROLYSIS AND NEUTRALIZATION REACTIONS MAY GENERATE HEAT AND FUMES WHICH CAN BE CONTROLLED BY THE RATE OF ADDITION.
OBSERVE ALL FEDERAL, STATE, AND LOCAL LAWS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

WEAR APPROPRIATE NIOSH-MSHA-APPROVED RESPIRATOR, CHEMICAL

CONTINUED ON NEXT PAGE

ANCH OFFICES AT: SIGMA CHEMICAL CO. LTD.
Fancy Road, Poole,
Dorset BH17 7NH
England.

SIGMA CHEMIE GmbH
Grünwalder Weg 30
D-8024 Deisenhofen
West Germany.

SIGMA® chemical company

THE WORLD'S FOREMOST MANUFACTURER OF RESEARCH BIOCHEMICALS AND DIAGNOSTIC REAGENTS

PHONE TOLL FREE
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CABLE ADDRESS: SIGMACHEM TWX: 910-761-0593

CUST#: 6-071-58820 PO#: PHN 01/08/88
DAVE MCCOURD

PRODUCT #: P1767 NAME : POTASSIUM HYDROXIDE

--- PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE ---

RESISTANT GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.
SAFETY SHOWER AND EYE BATH.
USE ONLY IN A CHEMICAL FUME HOOD.
FACESHIELD (8-INCH MINIMUM).
DO NOT BREATHE DUST.
DO NOT GET IN EYES, ON SKIN, ON CLOTHING.
AVOID PROLONGED OR REPEATED EXPOSURE.
WASH THOROUGHLY AFTER HANDLING.
CORROSIVE.
TOXIC.
KEEP TIGHTLY CLOSED.
VERY HYGROSCOPIC
STORE IN A COOL DRY PLACE.

--------- ADDITIONAL PRECAUTIONS AND COMMENTS ---------

SECTION 9 FOOTNOTES
DANGER: UNDER FIRE CONDITIONS MATERIAL WILL MELT AND FLOW. MOLTEN MATERIAL REACTS VIOLENTLY WITH WATER AND CAN REACT WITH ALUMINUM, TIN, ZINC AND THEIR ALLOYS TO GENERATE FLAMMABLE AND EXPLOSIVE HYDROGEN GAS. POTASSIUM HYDROXIDE REACTS WITH TRICHLOROETHYLENE TO FORM SPONTANEOUSLY FLAMMABLE DICHLOROACETYLENE.

BRANCH OFFICES AT: SIGMA CHEMICAL CO. LTD.
Fancy Road, Poole,
Dorset BH17 7NH
England.

SIGMA CHEMIE GmbH
Grünwalder Weg 30
D-8024 Deisenhofen
West Germany.

1 - Site Specific Information

MANUFACTURED AND/OR DISTRIBUTED BY: **Baddley Chemicals, Inc.**

2 - PRODUCT IDENTIFICATION EDTA SOLUTIONS

PRODUCT NAME: EDTA SOLUTIONS
COMMON SYNONYMS: N/A
CHEMICAL FAMILY: VOLUMETRIC SOLUTIONS AND CONCENTRATES
FORMULA: C10H14N2NA2O8 + H2O
PRODUCT USE: LABORATORY REAGENT
PRODUCT CODES: CB0381, CB0382, CB0383, CB2261, CB2262, CB2263, CB4112, CB3261, CB3262, CB3263, CB4281, CB4282, CB4283, CB0282

EFFECTIVE: 05/01/89 ISSUED: 09/27/91
REVISION #02

PRECAUTIONARY LABELING

HEALTH	-	1	SLIGHT
FLAMMABILITY	-	0	NONE
REACTIVITY	-	0	NONE
CONTACT	-	1	SLIGHT

LABORATORY PROTECTIVE EQUIPMENT

GOGGLES; LAB COAT

U.S. PRECAUTIONARY LABELING

CAUTION

MAY CAUSE IRRITATION.
DURING USE AVOID CONTACT WITH EYES, SKIN, CLOTHING. WASH THOROUGHLY AFTER HANDLING. WHEN NOT IN USE KEEP IN TIGHTLY CLOSED CONTAINER.

INTERNATIONAL LABELING

AVOID CONTACT WITH EYES. AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF WATER. KEEP CONTAINER TIGHTLY CLOSED.

STORAGE COLOR CODE: GREEN (GENERAL STORAGE)

3 - COMPONENTS

COMPONENT	CAS NO.	WEIGHT %	OSHA/PEL	ACGIH/TL
EDTA, DISODIUM SALT, DIHYDRATE	6381-92-6	<5	N/E	N/E
WATER	7732-18-5	>90	N/E	N/E
MAGNESIUM CHLORIDE	7786-30-3	<5	N/E	N/E

4 - PHYSICAL DATA

BOILING POINT: N/A

VAPOR PRESSURE (MMHG): N/A

MELTING POINT: N/A

VAPOR DENSITY (AIR=1): N/A

SPECIFIC GRAVITY: N/A (H2O=1)

EVAPORATION RATE: N/A

OLUBILITY(H20): COMPLETE (100%)

% VOLATILES BY VOLUME: ~95 (21 C)

H: N/A

ODOR THRESHOLD (P.P.M.): N/A

PHYSICAL STATE: LIQUID

COEFFICIENT WATER/OIL DISTRIBUTION: N/A

APPEARANCE & ODOR: CLEAR, COLORLESS LIQUID. ODORLESS.

5 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (CLOSED CUP): N/A

AUTOIGNITION TEMPERATURE: N/A

FLAMMABLE LIMITS: UPPER - N/A LOWER - N/A

FIRE EXTINQUISHING MEDIA

USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE.

SPECIAL FIRE-FIGHTING PROCEDURES

FIREFIGHTERS SHOULD WEAR PROPER PROTECTIVE EQUIPMENT AND SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE.

5 - FIRE AND EXPLOSION HAZARD DATA (continued)

UNUSUAL FIRE & EXPLOSION HAZARDS
NONE IDENTIFIED.

TOXIC GASES PRODUCED
CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN

EXPLOSION DATA-SENSITIVITY TO MECHANICAL IMPACT
NONE IDENTIFIED.

EXPLOSION DATA-SENSITIVITY TO STATIC DISCHARGE
NONE IDENTIFIED.

6 - HEALTH HAZARD DATA

HRESHOLD LIMIT VALUE (TLV/TWA): NOT ESTABLISHED

HORT-TERM EXPOSURE LIMIT (STEL): NOT ESTABLISHED

PERMISSIBLE EXPOSURE LIMIT (PEL): NOT ESTABLISHED

TOXICITY OF COMPONENTS

ORAL RAT LD50 FOR EDTA, DISODIUM SALT, DIHYDRATE	2000	MG/KG
INTRAVENOUS MOUSE LD50 FOR EDTA, DISODIUM SALT, DIHYDRATE	56	MG/KG
INTRAPERITONEAL MOUSE LD50 FOR WATER	190	G/KG
INTRAVENOUS MOUSE LD50 FOR WATER	25	G/KG

CARCINOGENICITY: NTP: NO IARC: NO Z LIST: NO OSHA REG: NO

CARCINOGENICITY
NONE IDENTIFIED.

REPRODUCTIVE EFFECTS
NONE IDENTIFIED.

EFFECTS OF OVEREXPOSURE

INHALATION: NONE IDENTIFIED

SKIN CONTACT: IRRITATION

EYE CONTACT: IRRITATION

6 - HEALTH HAZARD DATA (continued)

SKIN ABSORPTION: NONE IDENTIFIED

INGESTION: NONE IDENTIFIED

CHRONIC EFFECTS: NONE IDENTIFIED

TARGET ORGANS
NONE IDENTIFIED

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
NONE IDENTIFIED

PRIMARY ROUTES OF ENTRY
SKIN CONTACT, EYE CONTACT

EMERGENCY AND FIRST AID PROCEDURES

INGESTION: IF SWALLOWED AND THE PERSON IS CONSCIOUS, IMMEDIATELY GIVE LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION.

INHALATION: IF A PERSON BREATHES IN LARGE AMOUNTS, MOVE THE EXPOSED PERSON TO FRESH AIR.

SKIN CONTACT: IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH PLENTY OF SOAP AND WATER FOR AT LEAST 15 MINUTES.

EYE CONTACT: IN CASE OF EYE CONTACT, IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.

SARA/TITLE III HAZARD CATEGORIES AND LISTS

ACUTE: NO CHRONIC: NO FLAMMABILITY: NO PRESSURE: NO REACTIVITY: NO

EXTREMELY HAZARDOUS SUBSTANCE: NO

CERCLA HAZARDOUS SUBSTANCE: NO
SARA 313 TOXIC CHEMICALS: NO
TSCA INVENTORY: YES

7 - REACTIVITY DATA

STABILITY: STABLE HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: NONE DOCUMENTED

INCOMPATIBLES: COPPER, ALUMINUM

DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN

8 - SPILL & DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN THE EVENT OF A SPILL OR DISCHARGE
WEAR SUITABLE PROTECTIVE CLOTHING. TAKE UP WITH SAND OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIAL AND PLACE INTO CONTAINER FOR LATER DISPOSAL. FLUSH SPILL AREA WITH WATER.

ISPOSAL PROCEDURE
DISPOSE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS.

9 - INDUSTRIAL PROTECTIVE EQUIPMENT

EYE/SKIN PROTECTION: THIS IS A LABORATORY-USE PRODUCT FOR WHICH NO INDUSTRIAL PROTECTIVE EQUIPMENT HAS BEEN DESIGNATED.

10 - STORAGE AND HANDLING PRECAUTIONS

STORAGE COLOR CODE: ORANGE (GENERAL STORAGE)

STORAGE REQUIREMENTS
KEEP CONTAINER TIGHTLY CLOSED. SUITABLE FOR ANY GENERAL CHEMICAL STORAGE AREA.

11 - TRANSPORTATION DATA AND ADDITIONAL INFORMATION

DOMESTIC (D.O.T.)

11 - TRANSPORTATION DATA AND ADDITIONAL INFORMATION (continued)

PROPER SHIPPING NAME: CHEMICALS, N.O.S. (NON-REGULATED)

INTERNATIONAL (I.M.O.)

PROPER SHIPPING NAME: CHEMICALS, N.O.S. (NON-REGULATED)
MARINE POLLUTANTS: NO

AIR (I.C.A.O.)

PROPER SHIPPING NAME: CHEMICALS, N.O.S. (NON-REGULATED)

U.S. CUSTOMS HARMONIZATION NUMBER: 38220000000

N/A = NOT APPLICABLE OR NOT AVAILABLE
N/E = NOT ESTABLISHED

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

MEMORANDUM OF MEETING OR CONVERSATION

[X] Telephone [ ] Personal	Time 1:15 - 1:45 pm	Date 7-18-95

Originating Party	Other Parties
Tommie Farrell - Corrosion LTD	Pat Sanchez - NMOCD

Place: Letter Sent by NMOCD June 15, 1995

Discussion: Has No problem with B, C, D, E items: However Item A. is a problem - He said very little chemical has gone down the sink & he doesn't think any of them are Hazardous. I told him to propose a plan - Take a TCLP of septic/Leach system and state that the Lab sink is disconnected, he can propose with other requirements of the June 15, 1995 NMOCD letter.

Conclusions or Agreements: Tommie will address June 15, 1995 letter from NMOCD and propose an action for the septic/Leach system. Also will send a list of his Lab chemicals and MSDS for the chemicals.

Distribution

Signed Patricia W. Sanchez

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to the New Mexico Water Quality Control Commission Regulations, the following discharge plan applications has been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW-205)-CORROSION LTD., MR. TOMMIE FARRELL, PO BOX 5097, Hobbs, NM 88241-5097 has submitted a Discharge plan application for their Hobbs facility located in the SW/4 NE/4, Section 04, Township 19 South, Range 38 East, NMPM, Lea County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top tank and transported offsite for disposal at an OCD approved facility. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 100 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-206)-COBRA INDUSTRIES, INC., MR. HAROLD OGLE, P.O. BOX 2040, Hobbs, NM 88241 has sumbitted a Discharge plan application for their Hobbs facility located in the NW/4 NW/4, Section 4, Township 19 South, Range 38 East, NMPM, Lea County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top tank and transported offsite for disposal at an OCD approved facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 100 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above adress between 8:00 a.m. and 4:30 p.m., Monday thru Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which only comments may be submitted to him and public hearing may be requested by any interested person. Request for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the director determines that there is significant public interest.

If no hearing is held, the Director will approve or disapprove the plan based on the information available. If a public hearing is held, the Director will approve the plan based on the information in the plan and information presented at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 13th day of June, 1995.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
s/WILLIAM J. LEMAY, Director

Journal: June 19, 1995.

STATE OF NEW MEXICO
County of Bernalillo SS

Bill Tafoya being duly sworn declares and says that he is Classified Advertising manager of **The Albuquerque Journal**, and that this newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Session Laws of 1937, and that payment therefore has been made of assessed as court cost; that the notice, copy of which is hereto attached, was published in said paper in the regular daily edition, for 1 times, the first publication being of the 19th day of June, 1995, and the subsequent consecutive publications on _____, 1995

Bill Tafoya

Sworn and subscribed to before me, a notary Public in and for the County of Bernalillo and State of New Mexico, this 20th day of June 1995

OFFICIAL SEAL
Megan Garcia
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires: 5-20-98

PRICE $37.33
Statement to come at end of month.

Megan Garcia

CLA-22-A (R-1/93) ACCOUNT NUMBER C80932

Affidavit of Publication

STATE OF NEW MEXICO)
) ss.
COUNTY OF LEA)

Joyce Clemens being first duly sworn on oath deposes and says that he is Adv. Director of THE LOVINGTON DAILY LEADER, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled

Notice Of Publication

was published in a regular and entire issue of THE LOVINGTON DAILY LEADER and not in any supplement thereof, for one (1) day, beginning with the issue of June 20, 19 95 and ending with the issue of June 20, 19 95

And that the cost of publishing said notice is the sum of $ 49.32 which sum has been (Paid) (Assessed) as Court Costs

Joyce Clemens

Subscribed and sworn to before me this 22nd day of June, 19 95

Jean Henson

Notary Public, Lea County, New Mexico

My Commission Expires Sept. 28, 19 98

OIL CONSERVA
RECE
'95 JUN 26

LEGAL NOTICE
NOTICE OF PUBLICATION
STATE OF NEW MEXICO
ENERGY, MINERALS, AND
NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan applications have been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

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Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.
GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 13th day of June, 1995.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
WILLIAN J. LEMAY
Director

SEAL
Published in the Lovington Daily Leader June 20,1995.

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

June 15, 1995

CERTIFIED MAIL
RETURN RECEIPT NO. Z-765-962-705

Mr. Tommie Farrell
President
Corrosion LTD.
P.O. Box 5097
Hobbs, NM 88241-5097

RE: Discharge Plan GW-205
Corrosion LTD., Hobbs facility
Lea County, New Mexico

Dear Mr. Farrell:

The NMOCD has received the proposed Corrosion LTD. discharge plan application for the facility located in SW/4 NE/4, Section 04, Township 19 South, Range 38 East, NMPM, Lea County, New Mexico. The application filing fee in the amount of $50 was received by the NMOCD along with the discharge plan application. The NMOCD has prepared and sent out the public notice for the Corrosion LTD. facility as stated in WQCC section 3-108 and has performed a preliminary review of the discharge plan as proposed by Corrosion LTD. as received by the OCD on June 9, 1995.

The following comments and request for additional information are based on the review of the Corrosion LTD. application. **Please note that unless otherwise stated, response to all comments shall be received and reviewed by the OCD prior to approval of the discharge plan application.**

Refer to the application page submitted by Corrosion LTD. as signed by Mr. Tommie Farrell on June 5, 1995.

A. UNDER ITEM VII. - Submit a closure plan for the septic/leech field at the facility - It was the NMOCD inspectors understanding during the site visit that

lab wastes in the past had gone down the drain. Please submit a closure plan to the NMOCD Santa Fe office by August 15, 1995. (Please note the attached handout regarding UIC and Class IV and Class V injection wells.)

B. UNDER ITEM VIII. - Address spill sorbents that are used for spill cleaning - and how these sorbents will be stored and disposed.

C. UNDER ITEM XI. - Corrosion LTD. also needs to include NMOCD Rule 116 spill reporting as well as WQCC 1-203. NOTE: under WQCC OCD has primary jurisdiction over oilfield service companies and therefore Corrosion LTD. should contact the Hobbs district office at 393-6161 in the event of a reportable spill as outlined in Rule 116 and WQCC section 1-203.

D. UNDER ITEM XII. - Submit geological and Hydrological parameters- NOTE: NMOCD referenced State Engineer records in order to obtain TDS and depth to groundwater in order to publish the public notice for this facility: TDS(total dissolved solids)=100 mg/l and depth to groundwater=50'(feet) NOTE: STATE ENGINEER - DISTRICT II ROSWELL @1-800-231-8933

E. UNDER ITEM XIII. - Submit a statement agreeing to comply with NMOCD Rule 116 and WQCC 1-203 spill reporting requirements.

Submittal of the requested information and commitments in a timely fashion will expedite the final review of the application and approval of the discharge plan.

If you have any questions, please feel free to call me at (505)-827-7156.

Sincerely,

Patricio W. Sanchez
Petroleum Engineer

xc: Mr. Wayne Price-Environmental Engineer

ATTACHMENT I

(UIC)

OIL CONSERVATION DIVISION
PROGRAM SUMMARY OVERVIEW

I. Environmental Regulatory Programs

Underground Injection Control Program

A. Description:

Federally-mandated EPA Program for regulation of wells which inject fluids to the subsurface. The program classifies wells by function and by location with respect to protectable drinking water. Parts of the New Mexico program predate the federal program by 15-20 years. OCD is the lead state agency for administration of this program, with ED administering some well classifications. Federal delegation of the program is to OCD (Class II) and Water Quality Control Commission (WQCC) (Class I, III, IV and V). Some of the WQCC regulated wells are also under OCD jurisdiction pursuant to a signed delegation of responsibility (discussed below). Classification of wells:

Class I:	Industrial and municipal disposal wells: OCD has 4 permitted under WQCC Regulations.
Class II:	Oil and natural gas injection wells: Used for salt water disposal, reservoir pressure maintenance, secondary recovery and natural gas storage. OCD regulates approximately 5300 of these wells.
Class III:	Mineral extraction wells: OCD administers WQCC Regulations for 24 facilities injecting water to produce salt brine used in oil and gas operations.
Class IV:	Shallow hazardous waste injection wells: Not authorized in New Mexico and closed when discovered either by ED or OCD.
Class V:	Other categories of wells: Examples are commercial septic tank systems, dry wells, geothermal wells. OCD administers WQCC rules for these wells at geothermal sites, and the oilfield service industry. Because of the potential for serious ground water contamination by oilfield chemicals and wastes, OCD is requiring service companies to close these wells when located by OCD staff. EPA has praised OCD's efforts in this area and is expected to provide additional funding during the next fiscal year in support or OCD's program.

The state requires permits for these wells, and specifies design and performance standards for construction and operation.

RULE 116. - NOTIFICATION OF FIRE, BREAKS, LEAKS, SPILLS AND BLOWOUTS (as of 3-1-91)

A. The Division shall be notified of any fire, break, leak, spill, or blowout occurring at any injection or disposal facility or at any oil or gas drilling, producing, transporting, or processing facility in the State of New Mexico by the person operating or controlling such facility.

B. "Facility," for the purpose of this rule, shall include any oil or gas well, any injection or disposal well, and any drilling or workover well; any pipe line through which crude oil, condensate, casinghead or natural gas, or injection or disposal fluid (gaseous or liquid) is gathered, piped, or transported (including field flow-lines and lead-lines but not including natural gas distribution systems); any receiving tank, holding tank, or storage tank, or receiving and storing receptacle into which crude oil, condensate, injection or disposal fluid, or casinghead or natural gas is produced, received, or stored; any injection or disposal pumping or compression station including related equipment; any processing or refining plant in which crude oil, condensate, or casinghead or natural gas is processed or refined; and any tank or drilling pit or slush pit associated with oil or gas well or injection or disposal well drilling operations or any tank, storage pit, or pond associated with oil or gas production or processing operations or with injection or disposal operations and containing hydrocarbons or hydrocarbon waste or residue, salt water, strong caustics or strong acids, or other deleterious chemicals or harmful contaminants.

C. Notification of such fire, break, leak, spill, or blowout shall be in accordance with the provisions set forth below:

(1) Well Blowouts. Notification of well blowouts and/or fires shall be "immediate notification" described below. ("Well blowout" is defined as being loss of control over and subsequent eruption of any drilling or workover well, or the rupture of the casing, casinghead, or wellhead or any oil or gas well or injection or disposal well, whether active or inactive, accompanied by the sudden emission of fluids, gaseous or liquid, from the well.)

(2) "Major" Breaks, Spills, or Leaks. Notification of breaks, spills, or leaks of 25 or more barrels of crude oil or condensate, or 100 barrels or more of salt water, none of which reaches a watercourse or enters a stream or lake; breaks, spills, or leaks in which one or more barrels of crude oil or condensate or 25 barrels or more of salt water does reach a watercourse or enters a stream or lake; and breaks, spills, or leaks of hydrocarbons or hydrocarbon waste or residue, salt water, strong caustics or strong acids, gases, or other deleterious chemicals or harmful contaminants of any magnitude which may with reasonable probability endanger human health or result in substantial damage to property, shall be "immediate notification" described below.

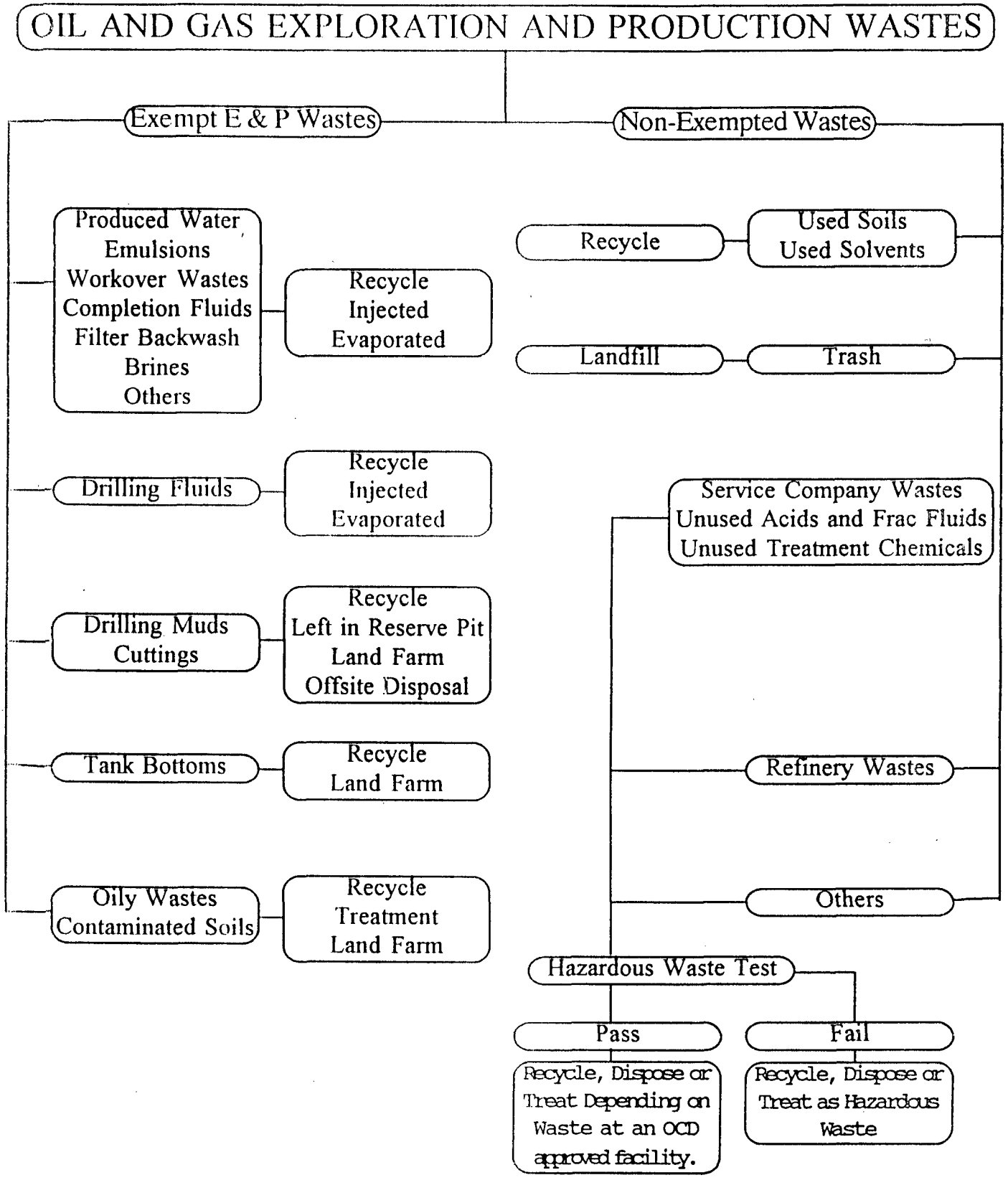
(3) "Minor" Breaks, Spills, or Leaks. Notification of breaks, spills, or leaks of 5 barrels or more but less than 25 barrels of crude oil or condensate, or 25 barrels or more but less than 100 barrels of salt water, none of which reaches a watercourse or enters a stream or lake, shall be "subsequent notification" described below.

(4) "Gas Leaks and Gas Line Breaks. Notification of gas leaks from any source or of gas pipe line breaks in which natural or casinghead gas of any quantity has escaped or is escaping which may with reasonable probability endanger human health or result in substantial damage to property shall be "immediate notification" described below. Notification of gas pipe line breaks or leaks in which the loss is estimated to be 1000 or more MCF of natural or casinghead gas but in which there is no danger to human health nor of substantial damage to property shall be "subsequent notification" described below.

(5) Tank Fires. Notification of fires in tanks or other receptacles caused by lightning or any other cause, if the loss is, or it appears that the loss will be, 25 or more barrels of crude oil or condensate, or fires which may with reasonable probability endanger human health or result in substantial damage to property, shall be "immediate notification" as described below. If the loss is, or it appears that the loss will be at least 5 barrels but less than 25 barrels, notification shall be "subsequent notification" described below.

(6) Drilling Pits, Slush Pits, and Storage Pits and Ponds. Notification of breaks and spills from any drilling pit, slush pit, or storage pit or pond in which any hydrocarbon or hydrocarbon waste or residue, strong caustic or strong acid, or other deleterious chemical or harmful contaminant endangers human health or does substantial surface damage, or reaches a watercourse or enters a stream or lake in such quantity as may with reasonable probability endanger human health or result in substantial damage to such watercourse, stream, or lake, or the contents thereof, shall be "immediate notification" as described below. Notification of breaks or spills of such magnitude as to not endanger human health, cause substantial surface damage, or result in substantial damage to any watercourse, stream, or lake, or the contents thereof, shall be "subsequent

New Mexico
OIL FIELD WASTES
CATEGORIES AND DISPOSAL METHODS



Please contact the Oil Conservation Division concerning any waste or disposal methods not listed.

EPA WASTE CLASSIFICATION
O & G EXPLORATION AND PRODUCTION WASTES*

Oil and Natural Gas Exploration and Production Materials and Wastes Exempted by EPA from Consideration as "Hazardous Wastes" (provided non-exempt waste which is or may be "hazardous" has not been added):

- Produced water;
- Drilling fluids;
- Drill cuttings;
- Rigwash;
- Drilling fluids and cuttings from offshore operations disposed of onshore;
- Geothermal production fluids;
- Hydrogen sulfide abatement wastes from geothermal energy production;
- Well completion, treatment, and stimulation fluids;
- Basic sediment and water and other tank bottoms from storage facilities that hold product and exempt waste;
- Accumulated materials such as hydrocarbons, solids, sand, and emulsion from production separators, fluid treating vessels, and production impoundments;
- Pit sludges and contaminated bottoms from storage or disposal of exempt wastes;
- Workover wastes;
- Gas plant dehydration wastes, including glycol-based compounds, glycol filters, filter media, backwash, and molecular sieves;
- Gas plant sweetening wastes for sulfur removal, including amines, amine filters, amine filter media, backwash, precipitated amine sludge, iron sponge, and hydrogen sulfide scrubber liquid and sludge;
- Cooling tower blowdown;
- Spent filters, filter media, and backwash (assuming the filter itself is not hazardous and the residue in it is from an exempt waste steam);
- Packing fluids;
- Produced sand;
- Pipe scale, hydrocarbon solids, hydrates, and other deposits removed from piping and equipment prior to transportation;
- Hydrocarbon-bearing soil;
- Pigging wastes from gathering lines;
- Wastes from subsurface gas storage and retrieval, except for nonexempt wastes listed below;
- Constituents removed from produced water before it is injected or otherwise disposed of;
- Liquid hydrocarbons removed from the production stream but not from oil refining;
- Gases from the production stream, such as hydrogen sulfide and carbon dioxide, and volatilized hydrocarbons;
- Materials ejected from a producing well during the process known as blowdown;
- Waste crude oil from primary field operations and production;
- Light organics volatilized from exempt wastes in reserve pits or impoundments or production equipment;
- *Liquid and solid wastes generated by crude oil and crude tank bottom reclaimers****.

Materials and Wastes Not Exempted (may be a "hazardous waste" if tests or EPA listing define as "hazardous") **:

- Unused fracturing fluids or acid
- Gas plant cooling tower cleaning wastes;
- Painting wastes;
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids;
- Vacuum truck and drum rinsate from trucks and drums transporting or containing non-exempt waste;
- Refinery wastes;
- *Liquid and solid wastes generated by refined oil and product tank bottom reclaimers****;
- Used equipment lubrication oils;
- Waste compressor oil, filters, and blowdown;
- Used hydraulic fluids;
- Waste solvents;
- Waste in transportation pipeline related pits;
- Caustic or acid cleaners;
- Boiler cleaning wastes;
- Boiler refractory bricks;
- Boiler scrubber fluids, sludge and ash;
- Incinerator ash;
- Laboratory wastes;
- Sanitary wastes;
- Pesticide wastes;
- Radioactive tracer wastes;
- Drums, insulation, and miscellaneous solids.

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* Source: Federal Register, Wednesday, July 6, 1988, p.25,446 - 25,459.

** See important note on 1990 disposal restrictions for non-exempt waste on reverse.

*** See reverse side for explanation of oil and tank bottom reclaimer listings.

(rev. NMOCD 9/91)

NOTICE OF PUBLICATION

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan applications have been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW-205) -CORROSION LTD., MR. TOMMIE FARRELL, P.O. BOX 5097, Hobbs, NM, 88241-5097 has submitted a Discharge plan application for their Hobbs facility located in the SW/4 NE/4, Section 04, Township 19 South, Range 38 East, NMPM, Lea County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top tank and transported offsite for disposal at an OCD approved facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 100 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-206) -COBRA INDUSTRIES, INC., MR. HAROLD OGLE, P.O. BOX 2040, Hobbs, NM, 88241 has submitted a Discharge plan application for their Hobbs facility located in the NW/4 NW/4, Section 4, Township 19 South, Range 38 East, NMPM, Lea County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top tank and transported offsite for disposal at an OCD approved facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 100 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 13th day of June, 1995.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

by Deputy Director

SEAL

WILLIAM J. LEMAY, Director

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87501

GW-205

7/9

DISCHARGE PLAN APPLICATION FOR OILFIELD SERVICE FACILITIES

(Refer to OCD Guidelines for assistance in completing the application)

I. TYPE: STORAGE FACILITY FOR OILFIELD DRILLING CORROSION INHIBITORS, HYDROGEN SULFIDE SCAVENGERS AND OXYGEN SCAVENGERS.

II. OPERATOR: CORROSION LTD.

ADDRESS: P.O. Box 5097 , Hobbs, NM 88241-5097

CONTACT PERSON: Tommie Farrell PHONE: 393-8023

III. LOCATION: SW /4 NE /4 Section 04 Township 19 S Range 38 E
Submit large scale topographic map showing exact location.

IV. Attach the name and address of the landowner of the disposal facility site.

V. Attach description of the facility with a diagram indicating location of fences, pits, dikes, and tanks on the facility.

VI. Attach a description of all materials stored or used at the facility.

VII. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.

VIII Attach a description of current liquid and solid waste collection/treatment/disposal procedures.

IX Attach a description of proposed modifications to existing collection/treatment/disposal systems.

X. Attach a routine inspection and maintenance plan to ensure permit compliance.

XI. Attach a contingency plan for reporting and clean-up of spills or releases.

XII. Attach geological/hydrological evidence demonstrating that disposal of oil field wastes will not adversely impact fresh water. Depth to and quality of ground water must be included.

XIII. Attach such other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.

XIV. CERTIFICATION

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Tommie Farrell Title: President

Signature: Tommie Farrell Date: June 5, 1995

DISTRIBUTION: Original and one copy to Santa Fe with one copy to appropriate Division District Office.

IV. Landowners

Corrosion Ltd.
P.O. Box 5097
Hobbs, NM 88241-5097
(505) 393-8023

V. Facility Description

Facility is located at Section-04, Township-19, Range-38
.49 AC TR LOC SW4NE4
TR BEG S 0D4' W 2440.1' &
W 1495' FROM NE COR OF SEC 4,
TH N 31D12" E 309.3', W 161', S
0D4' W 264.1' TO BEG

The Facility is used to store oilfield chemicals used in the drilling of a well. There is a 550 gallon blending vat that is used to blend chemicals for oilfield use.

There is a 60' X 30' building located on the premises. The building is used to store a Forklift and a trailer. It is also used to store supplies such as absorbents , unused pails, labels, chemical reagents for test kits, etc. There is a small office area within the building.

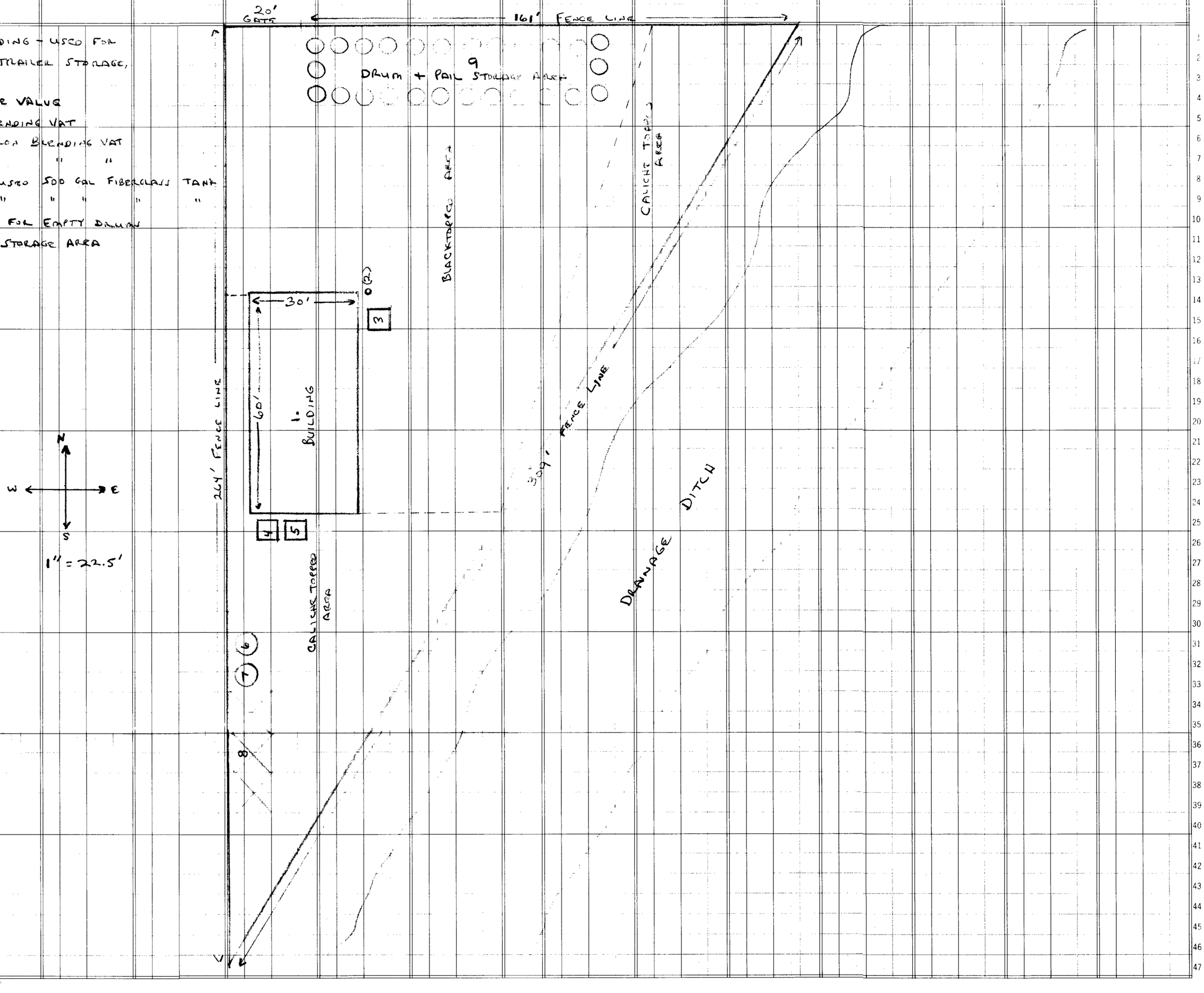
Stored behind the building are several unused blending vats and steel frames. There are also two 500 gallon fiberglass tanks stored at the back of the facility. They are empty and not in use. Empty drums are also stored at the back of the facility. The drums are either reused or sent back to the chemical company for reuse.

Drums and pails of chemical are stored at the front of the facility. These are distributed to the drilling rigs for use as needed.

CORROSION LTD
1018 S CECIL
HOBBS, NM

	Initials	Date
Prepared By		
Approved By		

1. 60' x 30' BUILDING - USED FOR FORKLIFT AND TRAILER STORAGE, SUPPLY STORAGE
2. CITY WATER LINE VALVE
3. 550 GALLON BLENDING VAT
4. UNUSED 550 GALLON BLENDING VAT
5. " " " " "
6. EMPTY AND UNUSED 500 GAL FIBERGLASS TANK
7. " " " " " " "
8. STORAGE AREA FOR EMPTY DRUMS
9. DRUM AND PAIL STORAGE AREA



DISCHARGE PLAN APPLICATION

Oilfield Service Facilities

Part VI. Form (Optional)

Materials Stored or Used at the Facility - For each category of material listed below provide information on the general composition of the material or specific information (including brand names if requested), whether a solid or liquid, type of container, estimated volume stored and location. Submit MSD information for chemicals as requested. Use of this form is oprtional, but the information requested must be provided.

Name	*General Makeup or Specific Brand Name (if requested)*	*Solids(S) or Liquids(L)?*	*Type of Container (tank drum, etc.)*	*Estimated Volume Stored*	*Location (yard, shop, drum storage, etc.)*
1. Drilling Fluids (include general makeup & types special additives [e.g. oil, chrome, etc.])					
2. Brines - (KCl, NaCl, etc.)					
3. Acids/Caustics (Provide names & MSD sheets)	Acetic Acid, Glacial	(L)	55 gal. drum	2 drums	Drum Storage
4. Detergents/Soaps	S395 (Soap)	(L)	55 gal. drum	2 - 10 drums	Drum Storage
5. Solvents & Degreasers (Provide names & MSD sheets)					
6. Paraffin Treatment/ Emulsion Breakers (Provide names & MSD sheets)					
7. Biocides (Provide names & MSD sheets)					
8. Others - (Include other liquids & solids, e.g. cement etc.)	On back of sheet.				

NAME	Solid (S) or Liquid (L)	Type of Container	Amount Stored	Location Stored
Isopropyl Alcohol	(L)	55 gal drum	1 - 4 drums	Drum Storage
INC 2213 Scale Inhibitor Intermediate	(L)	55 gal drum 5 gal pail	1 - 2 drums 5 - 9 pails	Drum Storage Drum Storage
INC 1450 Corrosion Inhib. Intermediate	(L)	55 gal drum	3 -18 drums	Drum Storage
INC 1421 Corrosion Inhib. Intermediate	(L)	55 gal drum	3 -15 drums	Drum Storage
C202 Film-Forming Amine	(L)	55 gal drum 5 gal pail	6 -25 drums 9 -50 pails	Drum Storage Drum Storage
9390 Phosphate ester	(L)	55 gal drum 5 gal pail	6 -25 drums 9 -50 pails	Drum Storage Drum Storage
CLTD120/K01200 H_2S Scavenger	(L)	55 gal drum 5 gal pail	9 -65 drums 9 -50 pails	Drum Storage Drum Storage
CLTD50/K050 Oxygen Scavenger	(L)	55 gal drum 5 gal pail	9 -25 drums 9 -25 pails	Drum Storage Drum Storage
INC 1895 Surfactant Intermediate	(L)	55 gal drum	1 drum	Drum Storage
Absorbent GP & W	(S)	50 qt/1tr bag	100 bags	Warehouse
POXY COAT Epoxy Paint	(L)	Assorted 5 gal pail to 1 Quart cans	50 gal	Warehouse

Material Safety Data Sheet

Print date -- December 14th, 1994 2:05 a.m 3820 PG1A X0H21001 -- 21.1 (140/362)

1. CHEMICAL PRODUCT and COMPANY IDENTIFICATION

Product Name: ACETIC ACID, GLACIAL
Product Code: 111111
MSDS Number : #2

SYNONYMS: ETHANOIC ACID
METHANECARBOXYLIC ACID

HOECHST CELANESE CHEMICAL GROUP
1601 W. LBJ FREEWAY
PO BOX 819005
DALLAS, TX 753819005
USA

TRANSPORTATION EMERGENCY PHONE NUMBER (24 HOURS/DAY):
In USA, call.....800 424 9300.
Outside USA, call*....202 483 7617.
*collect calls accepted
In Canada, call.....403 477 8339.
In Europe, call (31) 10 400 22 64.

TRANSPORTATION EMERGENCY PHONE (24 HOURS/DAY):
In USA, call.....800 424 9300.
Outside USA, call.....202 483 7617.
In Canada, call.....403 477 8339.

2. COMPOSITION / INFORMATION on INGREDIENTS

COMPONENT	CAS NUMBER	
ACETIC ACID*	64-19-7	99.8%

*OSHA hazardous according to 29 CFR 1910.1200

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Acetic acid is a clear, colorless mobile liquid with a strong, acrid, vinegar-like odor.

CAUTION!
Combustible liquid and vapor.

POTENTIAL HEALTH EFFECTS

Hoechst

3. HAZARDS IDENTIFICATION (continued)

ROUTES OF EXPOSURE:
Skin, Eyes, Inhalation, Ingestion

IMMEDIATE EFFECTS

SKIN:
Can cause chemical burn.

EYES:
Can cause chemical burn--damage irreversible. Vapors are severely irritating.

INHALATION:
Causes severe irritation of nasal passages, throat and lungs. Can cause pulmonary edema (accumulation of fluid in the lungs); signs and symptoms can be delayed for several hours.

INGESTION:
Causes severe irritation of and damage to mouth, throat and stomach.

DELAYED/LONG TERM EFFECTS
REPRODUCTION: No evidence of reproductive effects (human experience).

CARCINOGENIC:

No evidence of carcinogenicity (human experience).

MUTAGENIC:
No evidence of mutagenicity (human experience).

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:
Significant exposure to this chemical may adversely affect people with chronic disease of the respiratory system, skin, eyes and/or teeth.

FOR FURTHER INFORMATION, SEE:
Section 4 - First Aid Measures
Section 5 - Fire Fighting Measures
Section 6 - Accidental Release Measures
Section 8 - Exposure Controls/Personal Protection
Section 9 - Physical and Chemical Properties
Section 10 - Stability and Reactivity

4. FIRST AID MEASURES

SKIN:

Remove contaminated clothing and wash contaminated skin with large amounts of soap and water. If irritation persists, contact a physician.

EYES:

Flush eyes with water for at least 15 minutes. Contact a physician immediately.

INHALATION:

Remove patient from contaminated area. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact a physician immediately.

INGESTION:

Patient should be made to drink large quantities of water. Do not induce vomiting. Contact a physician immediately.

5. FIRE FIGHTING MEASURES

NFPA (H, F, R): 2, 2, 1

FLAMMABLE PROPERTIES
FLASHPOINT CLOSED CU: 109.0 F (42.8 C)
FLASHPOINT OPEN CUP : 112.0 F (44.5 C)

UPPER EXPLOSIVE LMT : 16.6 %
In air by volume.
LOWER EXPLOSIVE LMT : 5.3 %
In air by volume.

HAZARDOUS PRODUCTS OF COMBUSTION:

Carbon monoxide.

EXTINGUISHING MEDIA:

Use carbon dioxide or dry chemical for small fires; alcohol-type aqueous film-forming foam or water spray for large fires.

FIRE FIGHTING INSTRUCTIONS:

If potential for exposure to vapors or products of combustion exists, wear complete personal protective equipment, including self-contained breathing apparatus with full face-piece operated in pressure demand or other positive pressure mode. Water spray can be used to reduce intensity of flames

FIRE FIGHTING INSTRUCTIONS: (continued)

and to dilute spills to nonflammable mixture. Use water spray to cool fire-exposed structures and vessels.

6. ACCIDENTAL RELEASE MEASURES

Eliminate ignition sources. Avoid eye or skin contact; see "Section 8 - Exposure Controls/Personal Protection" for respirator information. Place leaking containers in well-ventilated area with spill containment. If fire potential exists, blanket spill with alcohol-type aqueous film-forming foam or use water spray to disperse vapors. Contain spill to facilitate clean-up. Clean-up methods may include absorbent materials, vacuum truck, etc. Avoid run-off into storm sewers and ditches leading to water ways.

Call the National Response Center (800 424 8802) if the quantity spilled is equal to or greater than the reportable quantity (RQ) under CERCLA "Superfund": 5000 lb/day.

If an odor or acidity problem exists, neutralize with lime or sodium bicarbonate.

For more information, see "Section 15 - Regulatory Information".

7. HANDLING and STORAGE

HANDLING:

Use with adequate ventilation. Keep containers closed when not in use. Always open containers slowly to allow any excess pressure to vent. Avoid breathing vapor. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Decontaminate soiled clothing thoroughly before re-use. Destroy contaminated leather clothing.

When transferring, follow proper grounding procedures. Keep away from heat, sparks and flame.

STORAGE:

Store in a well-ventilated area. Use only DOT-approved containers.

Do not store with incompatible materials; see "Section 10 - Stability and Reactivity".

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

General or dilution ventilation is frequently insufficient as the sole means of controlling employee exposure. Local ventilation is usually preferred.

PROTECTIVE EQUIPMENT

A safety shower and eye bath should be readily available.

SKIN:

Wear impervious clothing and gloves to prevent repeated or prolonged contact. The recommemded material of construction is:
Nitrile rubber.

EYES:

Wear chemical goggles when there is a reasonable chance of eye contact.

INHALATION:

Based on workplace contaminate level and working limits of the respirator, use a respirator approved by NIOSH/MSHA. The following is the minimum recommended equipment for an acceptable level of exposure. To estimate an acceptable level of exposure, see "Section 3 - Hazards Identification", "Section 8 - Exposure Controls/Personal Protection" and "Section 11 - Toxicological Information".

For concentrations >= 1 and <= 10 times the acceptable level: Use air-purifying respirator with full facepiece and organic vapor cartridge(s) or air-purifying full facepiece respirator with an organic vapor canister or a full face-piece powered air-purifying respirator filled with organic vapor cartridge(s).

For concentrations > 10 and the lower of either < 100 times the acceptable level or < the IDLH: Use Type C full face-piece supplied-air respirator operated in pressure-demand or continuous-flow mode.

For concentrations >= 100 times the acceptable level or IDLH level or unknown concentration (such as in emergencies): Use self-contained breathing apparatus with full facepiece in pressure-demand mode. Type C positive-pressure full facepiece supplied-air respirator with an auxiliary positive-pressure self-contained breathing apparatus escapi system.

INHALATION: (continued)

For escape: Use self-contained breathing apparatus with full facepiece or any respirator specifically approved for escape.

EXPOSURE GUIDELINES:

ACETIC ACID, GLACIAL (64-19-7)

OSHA PEL	ACGIH TLV
10 PPM (PEL)	15 PPM (STEL)
-----	10 PPM (TWA)

Hoechst Celanese has adopted the ACGIH TLV.

Immediately Dangerous to Life or Health (IDLH) level:
1000 ppm.

9. PHYSICAL and CHEMICAL PROPERTIES

APPEARANCE	: Clear, colorless mobile liquid.
ODOR	: Strong, acrid, vinegar-like odor.
PHYSICAL STATE	: Liquid
VAPOR PRESSURE	: 11.4 MMHG 20 deg C
VAPOR DENSITY	: 2.07 Air = 1 @ 20 deg C
BOILING POINT	: 118.1 C (244.6 F) (760 mm Hg)
FREEZING POINT	: 16.6 C (61.9 F)
SOLUBILITY	: Complete @ 20 deg C
SPECIFIC GRAVITY	: 1.051 H2O =1 @ 20/20 deg C
EVAPORATION RATE	: 1.0 BuAc = 1
% VOLATILES	: 100.0
MOLECULAR WEIGHT	: 60.0

10. STABILITY and REACTIVITY

CHEMICAL STABILITY:
Stable.

CONDITIONS TO AVOID:
Flame.

INCOMPATIBILITY:
Oxidizing agents, for example, hydrogen peroxide, nitric acid, perchloric acid or chromium trioxide; strong alkalis such as sodium hydroxide.

HAZARDOUS DECOMPOSITION PRODUCTS:
Carbon monoxide.

HAZARDOUS POLYMERIZATION:
Will not occur.

11. TOXICOLOGICAL INFORMATION

Oral LD50 : 3.3 g/kg (rats); slightly toxic to animals.

Dermal LD50 : 1.1 g/kg (rabbits); moderately toxic to animals by absorption.

Inhalation LCLo : 16,000 ppm (rats, 4 hrs.); practically non-toxic to animals.

12. ECOLOGICAL INFORMATION

This information is being researched.

13. DISPOSAL CONSIDERATIONS

Note: This information applies to the manufactured product.

All notification, clean-up and disposal should be carried out in accordance with federal, state and local regulations. Preferred methods of waste disposal are incineration or biological treatment in federal/state approved facility.

Hazardous waste (40 CFR 261): Yes; D001, D002.

14. TRANSPORT INFORMATION

Shipping name	:	Acetic Acid, Glacial
Hazard class	:	8, Corrosive Material
Subsidiary hazard	:	3, Flammable Liquid
United Nations no.	:	UN2789
Packing group	:	II
Emergency Response Guide no.	:	29
DOT Reportable Quantity (RQ)	:	5000 lb/2270 kg
Classification	:	Corrosive 8 (9.2)
Subsidiary hazard	:	Flammable Liquid 3.3

15. REGULATORY INFORMATION

RECIPIENT MUST COMMUNICATE ALL PERTINENT INFORMATION HEREIN TO EMPLOYEES AND CUSTOMERS.

STATE REGULATIONS

The following chemicals associated with the product are subject to the right-to-know regulations in these states:

ACETIC ACID (64-19-7): CT, FL, IL, LA, MA, NJ, NY, PA, RI

U.S. FEDERAL REGULATIONS

We certify that all components are either on the TSCA inventory or qualify for an exemption.

SARA 313 : No components listed

ENVIRONMENTAL:

CERCLA : ACETIC ACID, GLACIAL 99.8% (64-19-7)

SARA 304 : ACETIC ACID, GLACIAL 99.8% (64-19-7)

SARA 311 :

Acute health	Yes
Chronic health	No
Fire	Yes
Sudden release of pressure	No
Reactive	No

15. REGULATORY INFORMATION (continued)

INTERNATIONAL REGULATIONS

Listed on the chemical inventories of the following countries: Australia, Canada, Europe (EINECS), Japan and Korea.

WHMIS INGREDIENT DISCLOSURE LISTED COMPONENTS:

WHMIS CLASSIFICATION: Class B, Division 3; Class E; Class D, Division 2, Subdivision B.

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

MSDS prepared by: Product Stewardship Department
Hoechst Celanese Chemical Group

HAZARD RATINGS

	HEALTH	FLAMM	REACT	OTHER
NFPA	2	2	1	
HMIS	3	2	1	X

This information is intended solely for the use of individuals trained in the NFPA and HMIS systems.

REVISION INDICATORS:

The following sections have been revised:

SECTION 3: HAZARDS IDENTIFICATION
SKIN
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
SKIN
INHALATION
SECTION 16: OTHER INFORMATION
HAZARD RATINGS

DISCLAIMER:

The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. Hoechst Celanese Chemical Group, Inc. makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances. Effects can be aggravated by other materials and/or this material may aggravate or add to the effects of

DISCLAIMER: (continued)

other materials. This material may be released from gas, liquid, or solid materials made directly or indirectly from it. User has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. User must meet all applicable safety and health standards.

DISCHARGE PLAN APPLICATION

Oilfield Service Facilities

Part VII. Form (Optional)

Sources and Quantities of Effluent and Waste Solids Generated at the Facility - For each source include types of effluents (e.g. salt water, hydrocarbons, sewage, etc.), estimated quantities in barrels or gallons per month, and types and volumes of major additives (e.g. acids, biocides, detergents, degreasers, etc.). Use of this form is optional, but the information requested must be provided.

Waste Type	*General Composition and Source (solvents from small parts cleaning, oil filters from trucks, etc.)*	*Volume Per Month (bbl or gal)*	*Major Additives (e.g. degreaser fluids from truck washing, soap in steam cleaners)*
1. *Truck Wastes (Describe types of original contents trucked [e.g. brine, produced water, drilling fluids, oil wastes, etc])*	No waste generated/Not applicable		
2. *Truck, Tank & Drum Washing*	No Waste generated. Empty drums are returned to the yard and refilled with product or stored until a truck load are on hand and they are then returned to our suppliers to be reused. Trucks are washed at commercial establishments.		
3. *Steam Cleaning of Parts, Equipment, Tanks*	No waste generated/Not applicable		
4. *Solvent/Degreaser Use*	Not applicable		
5. *Spent Acids, Caustics, or Completion Fluids (Describe)*	Not applicable		

DISCHARGE PLAN APPLICATION

Oilfield Service Facilities

Part VIII. Form (Optional)

Summary Description of Existing Liquid and Solids Waste Collection and Disposal - For each waste type listed in Part VII, provide summary information about onsite collection and disposal systems. Information on basic construction features, specific descriptions, and wastewater schematics should be provided as required in the Guidelines. The use of this form is optional, but the summary information requested must be provided.

Waste Type	Tank(T)/ Drum(S)	Floor Drain/(F) Sump(S)	Pits- Lined(L) or Unlined(U)	Onsite Injection Well	Leach Field	Offsite Disposal
1. Truck Wastes	Not applicable					
2. Truck, Tank and Drum Washing	Drums are recycled by either being refilled with product or, after a truck load is collected, returned to our suppliers for re-use. The drums are washed at the rig location before being brought back to the warehouse. Our trucks are washed at a commercial establishment in town.					
3. Stream Cleaning of Parts, Equipment, Tanks	Not applicable					
4. Solvent/Degreaser Use	Not applicable					
5. Spent Acids, Caustics, or Completion Fluids	Not applicable					
6. Waste Slop Oil	Not applicable					

Waste Type	*General Composition and Source (solvents from small parts cleaning, oil filters from trucks, etc.)*	*Volume Per Month (bbl or gal)*	*Major Additives (e.g. degreaser fluids from truck washing, soap in steam cleaners)*
6. *Waste Slop Oil*	Not applicable		
7. *Waste Lubrication and Motor Oils*	Oil changes and other services performed by a commercial establishment in town.		
8. *Oil Filters*	Not applicable		
9. *Solids and Sludges from Tanks (Describe types of materials [e.g. crude oil tank bottoms, sand, etc.])*	Not applicable		
10. *Painting Wastes*	Not applicable		
11. *Sewage (Indicate if other wastes mixed with sewage; if no commingling, domestic sewage under jurisdiction of the NMEID)*	Not applicable		
12. *Other Waste Liquids (Describe in detail)*	Not applicable		
13. *Other Waste Solids (Cement, construction materials, used drums)*	Drums are recycled by either being refilled with product or, after a truck load is collected, returned to our suppliers for re-use.		

IX. Proposed Modifications

Corrosion Ltd. proposes installing a dike that will contain 850 gallons around our blending vat. (Marked #3 on diagram and purple line indicating where retaining wall would be built.)

Corrosion Ltd. proposes installing a dike of 2" to 3" around the drum and pail storage area with a lined pit at the east end of the area capable of holding 150 gallons. The pit would have a removable grate covering it. In the event that a drum leaked, it would accumulate in this pit and could then be pumped out for useage. (Marked #9 on diagram with a purple line indicating where dike would be built with pit.)

X. Inspection & Maintenance

The facility is inspected daily by employees. This inspection includes a survey of the drum & pail storage area for any leakage. The blending vat, while in use, is under constant attention and is never left unattended. While the blending vat is not in use, it is left empty.

XI. Reporting & Clean-up of Spills

In the event of a discharge of chemical, in such quantity as may with reasonable probability injure or be detrimental to human health, animal or plant life, or property, or unreasonably interfere with the public welfare or the use of property, procedures will be followed according to Section 1-203. Notification of Discharge--Removal, on pages 11, 11.1 and 11.2 of the WATER QUALITY CONTROL COMMISSION REGULATIONS. The Oil Conservation Division will also be notified.

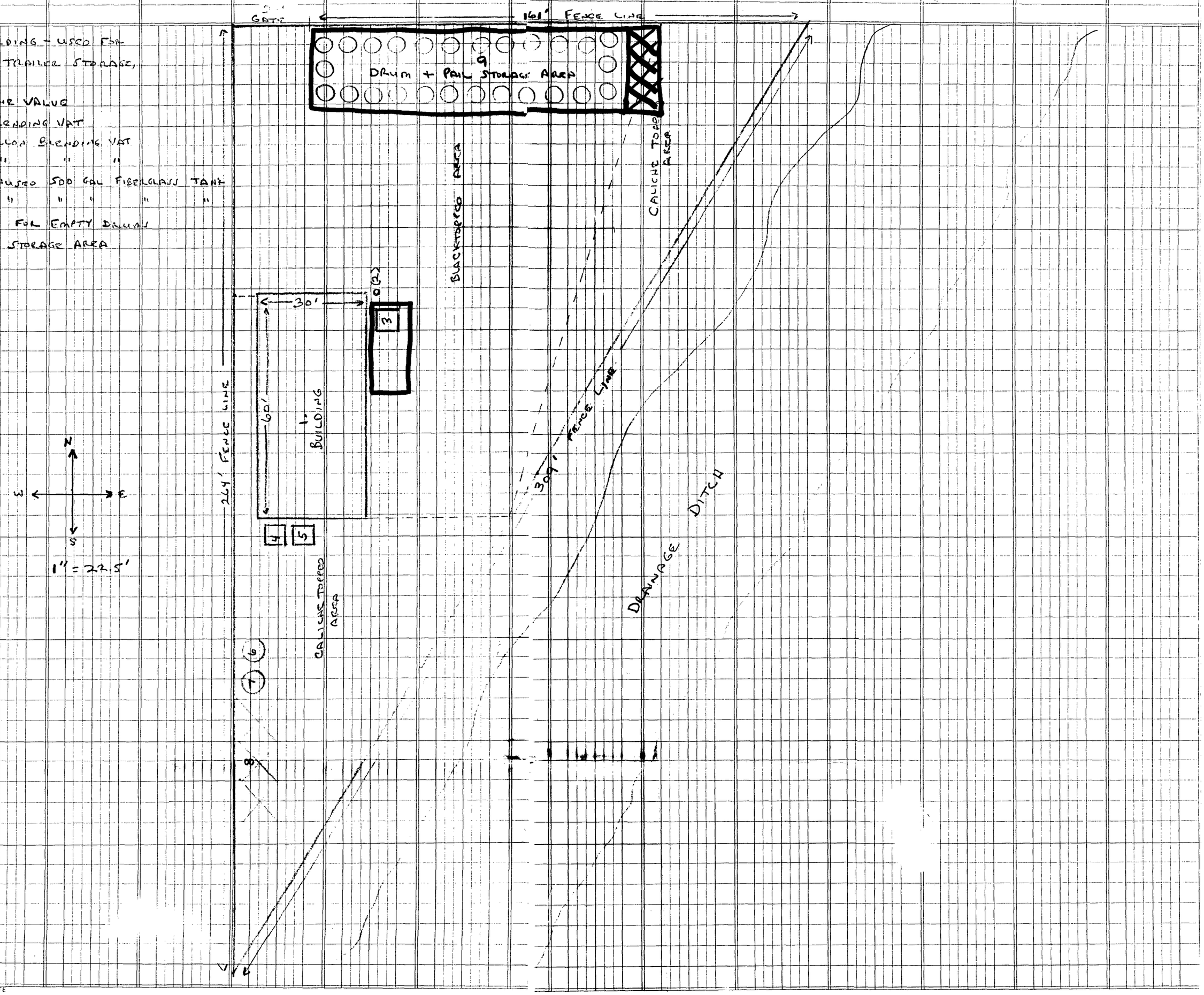
XII. Not applicable

XIII. Not applicable

CORROSION LTD
1018 S. CECIL
HOBBS, NM

	Initials	Date
Prepared By		
Approved By		

1. 60' x 30' BUILDING - USED FOR FORKLIFT AND TRAILER STORAGE, SUPPLY STORAGE
2. CITY WATER LINE VALVE
3. 550 GALLON BLENDING VAT
4. UNUSED 550 GALLON BLENDING VAT
5. " " " " "
6. EMPTY AND UNUSED 500 GAL FIBERGLASS TANK
7. " " " " " " "
8. STORAGE AREA FOR EMPTY DRUMS
9. DRUM AND PAIL STORAGE AREA



State of New Mexico
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT
Santa Fe, New Mexico 87505

New Mexico DRUG FREE It's a State of Mind!

February 6, 1995

CERTIFIED MAIL
RETURN RECEIPT NO.Z-765-962-636

Mr. Tommie Farrell
CORROSION LIMITED
P.O. Box 5097
Hobbs,NM 88241

RE: Discharge Plan Requirement
Hobbs Facility
Lea County, New Mexico

Dear Mr. Farrell:

Under the provision of the Water Quality Control Commission (WQCC) Regulations, you are hereby notified that the filing of a discharge plan is required for the Corrosion Limited facility located at 1018 S. Cecil in Hobbs, New Mexico.

The discharge plan is required pursuant to Section 3-104 and 3-106 of the WQCC regulations. The discharge plan, defined in Section 1.101.Q of the WQCC regulations should cover all discharges of effluent or leachate at the facilty site or adjacent to the facility site. Included in the plan should be plans for controlling spills and accidental discharges at the facility, including detection of leaks in buried underground tanks and\or piping.

Pursuant to Section 3-106.A, a discharge plan should be submitted for approval to the OCD Director within 120 days of receipt of this letter. Three copies of the discharge plan should be submitted.

VILLAGRA BUILDING - 408 Galisteo
Forestry and Resources Conservation Division
P.O. Box 1948 87504-1948
827-5830
Park and Recreation Division
P.O. Box 1147 87504-1147
827-7465

2040 South Pacheco
Office of the Secretary
827-5950
Administrative Services
827-5925
Energy Conservation & Management
827-5900
Mining and Minerals
827-5970
Oil Conservation
827-7131

A copy of the regulations have been provided for your convenience. Also provided is an OCD guideline for the preparation of discharge plans at oil & gas service companies. The guideline addresses berming of tanks, curbing and paving of process areas susceptible to leaks or spills and the disposition of any solid wastes.

The discharge plan is subject to the WQCC Regulation 3-114 discharge plan fee. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of fifty (50) dollars plus the flat rate of one thousand, three hundred and eighty ($1380) dollars for oil & gas service companies. The fifty (50) dollar filing fee is due when the discharge plan is submitted. The flat rate fee is due upon approval of the discharge plan.

Please make all checks payable to: **NMED Water Quality Management** and addressed to the OCD Santa Fe office.

If there are any questions on this matter, please feel free to contact Patricio Sanchez at 827-7156 or Roger Anderson at 827-7152.

Sincerely,

William J. LeMay
Director

WJL/pws

XC: OCD Hobbs Office

Z 765 962 636

Receipt for Certified Mail
No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

UNITED STATES POSTAL SERVICE

Sent to Corrosion Limited	
Street and No.	
P.O., State and ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form 3800, March 1993