

## Weaver, Crystal, EMNRD

---

**From:** Krakow, Matthew J <Matthew.J.Krakow@andeavor.com>  
**Sent:** Thursday, March 22, 2018 12:52 PM  
**To:** Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRD  
**Cc:** Schneider, Lindsay  
**Subject:** RE: C-141 - Golden Spur 36  
**Attachments:** 3710.pdf

Here is the SDS for the pipeline cleaner.

**From:** Bratcher, Mike, EMNRD [mailto:mike.bratcher@state.nm.us]  
**Sent:** Thursday, March 22, 2018 12:50 PM  
**To:** Krakow, Matthew J <Matthew.J.Krakow@andeavor.com>; Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>  
**Cc:** Schneider, Lindsay <Lindsay.Schneider@andeavor.com>  
**Subject:** RE: C-141 - Golden Spur 36

Matthew,

Please send an MSDS sheet on the product released.

Thank you,

Mike Bratcher  
NMOCD District 2  
811 South First Street  
Artesia, NM 88210  
575-748-1283 Ext 108

**From:** Krakow, Matthew J [mailto:Matthew.J.Krakow@andeavor.com]  
**Sent:** Thursday, March 22, 2018 10:54 AM  
**To:** Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>  
**Cc:** Schneider, Lindsay <Lindsay.Schneider@andeavor.com>  
**Subject:** C-141 - Golden Spur 36

Western Refining Pipeline, LLC is submitting the initial C-141 for the Golden Spur 36 Incident.

*Matthew Krakow*  
Environmental Specialist

111 County Road 4990  
Bloomfield, NM 87413  
[Matthew.J.Krakow@andeavor.com](mailto:Matthew.J.Krakow@andeavor.com)  
Office: (505) 632-4169 |  
Fax: (505)-632-4021



Please note: My email address changed to [Matthew.J.Krakov@andeavor.com](mailto:Matthew.J.Krakov@andeavor.com) on July 31, 2017. Please update your records.

---

**ENTEGRATE IC3710**

---

**1 PRODUCT AND COMPANY IDENTIFICATION**

**Product Identifier:** ENTEGRATE IC3710  
**Common Name:** MIXTURE  
**SDS Number:** 1510  
**Revision Date:** 7/13/2015  
**Version:** 1  
**Internal ID:** 330H  
**Product Use:** Pipeline Cleaning  
**Supplier Details:** U. S. Water Services  
12270 43rd St. NE  
St. Michael, MN 55376

**Contact:** Non-emergency #: 866-663-7632  
**Email:** SDS@uswaterservices.com  
**Web:** www.uswaterservices.com

**EMERGENCY RESPONSE: (ChemTel)**  
**US & Canada: 800-255-3924**  
**International: +01-813-248-0585**

**2 HAZARDS IDENTIFICATION****Classification of the substance or mixture****GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):**

Health, Serious Eye Damage/Eye Irritation, 1  
Health, Acute toxicity, 3 Inhalation  
Health, Specific target organ toxicity - Repeated exposure, 2  
Health, Acute toxicity, 3 Oral  
Physical, Flammable Liquids, 3  
Health, Acute toxicity, 4 Dermal

**GHS Label elements, including precautionary statements**

**GHS Signal Word: DANGER**

**GHS Hazard Pictograms:****GHS Hazard Statements:**

H318 - Causes serious eye damage  
H331 - Toxic if inhaled  
H373 - May cause damage to organs through prolonged or repeated exposure  
H301 - Toxic if swallowed  
H226 - Flammable liquid and vapor  
H312 - Harmful in contact with skin

---

**ENTEGRATE IC3710**

---

**GHS Precautionary Statements:**

- P201 - Obtain special instructions before use.
- P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
- P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P313 - Get medical advice/attention.
- P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P403+233 - Store in a well ventilated place. Keep container tightly closed.

**Hazards not otherwise classified (HNOC) or not covered by GHS**

<b>3</b>	<b>COMPOSITION/INFORMATION ON INGREDIENTS</b>
----------	-----------------------------------------------

**Ingredients:**

Cas#	%	Chemical Name
67-56-1	15-25%	Methyl alcohol
124-64-1	10-20%	Phosphonium, tetrakis(hydroxymethyl)-, chloride

<b>4</b>	<b>FIRST AID MEASURES</b>
----------	---------------------------

- Inhalation:** Remove victim to fresh air. If symptoms persist, seek immediate medical attention.
- Skin Contact:** Promptly wash contaminated skin using soap or mild detergent and water. Remove contaminated clothing and wash before reuse. Seek medical attention for all burns, regardless of how minor they seem.
- Eye Contact:** Check for and remove contact lenses. Immediately flush eyes with plenty of water for at least 30 minutes lifting eyelids to insure contact of water with all accessible tissue of the eyes and lids. Seek immediate medical attention.
- Ingestion:** If swallowed, immediately call a poison control center or doctor. Induce vomiting unless told not to by a poison control center or doctor. DO NOT give any liquid to the person. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

**Most important symptoms & effects (acute & delayed):** See section 2 and section 11

**Indication of need for immediate medical attention:** No data available

**Special treatment needs:** No data available

---

**ENTEGRATE IC3710**

---

**5 FIRE FIGHTING MEASURES**

<b>Flash Point:</b>	95-100F
<b>Flash Point Method:</b>	Pensky Martens Closed cup
<b>Burning Rate:</b>	Not applicable
<b>Autoignition Temp:</b>	Not applicable
<b>LEL:</b>	6.0% (methanol)
<b>UEL:</b>	36.0% (methanol)

**Extinguishing Media**

**Suitable:** Dry chemical, alcohol foam, or carbon dioxide. Water may be ineffective. Use extinguishing media appropriate for surrounding fire.

**Unsuitable:** No information available

**Hazardous combustion products:** Hazardous decomposition products formed under fire conditions- Carbon oxides, and other hazardous compounds

**Unusual Fire or Explosion Hazards:** Fire may produce irritating or toxic fumes.

**Special protective equipment/precautions:** For fires involving this material, do not enter any enclosed or confined fire spaces without proper protective equipment. Wear self-contained breathing apparatus.

**6 ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective equipment, emergency procedures:** Avoid contact with the material. See section 8 of SDS for PPE recommendations. SCBA must be used when handling a spill or leak.

**Environmental Precautions:** Keep runoff from entering drains or waterways

**Spill/Leak procedures:** Extinguish all ignition sources. Stay up wind from spill or leak. Contain spill or leak. Dike area if necessary to prevent spill from spreading or entering sewers and waterways. Recover as much as possible then absorb remainder with inert material. Place into closed container for disposal.

**Regulatory Requirements:** Dispose of recovered material in accordance with all applicable state and federal regulations.

**7 HANDLING AND STORAGE**

**Handling Precautions:** Avoid contact with eyes, skin, or clothing. Do not taste or swallow. Do not inhale vapor or mist. Do not use near any ignition sources. Use with adequate ventilation. For industrial use only!

**Storage Requirements:** Keep away from children. Store in closed containers away from temperature extremes and incompatible materials. Store in cool, well ventilated location. Do not handle or store near open flame, heat, or other ignition source. Use proper bonding and/or grounding procedures.

Store in a dry, well ventilated area. Keep containers tightly closed, and properly labeled. Store in accordance with all local, state and federal guidelines.

**ENTEGRATE IC3710****8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering Controls:** Provide local exhaust ventilation as needed to control misting.  
**Personal Protective Equipment:** HMIS PP, H | Splash Goggles, Gloves, Apron, Vapor Respirator

Respiratory protection: If ventilation does not maintain levels below allowable exposure limits, use MSH/NIOSH approved respirator for organic vapors. Seek professional advice prior to respirator selection and use. Follow all requirements of OSHA respirator regulations (29 CFR 1910.134)

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

General Hygiene: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, using the toilet, or applying cosmetics.

PPE recommendation is advisory only and based on typical use conditions. An industrial hygienist or safety officer familiar with the specific situation of anticipated use must determine actual PPE required when using this product (29 CFR 1910.132)

**Exposure Limits:** Methyl Alcohol  
**OSHA PEL:** 200ppm

**9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Clear, colorless to slight yellow	<b>Odor:</b>	Acridic
<b>Physical State:</b>	Liquid	<b>Solubility:</b>	Soluble in water
<b>Odor Threshold:</b>	Not determined	<b>Freezing/Melting Pt.:</b>	Not determined
<b>Spec Grav./Density:</b>	8.85 lb/gal	<b>Flash Point:</b>	95-100°F
<b>Viscosity:</b>	Not determined	<b>Vapor Density:</b>	> 1 (Air=1)
<b>Boiling Point:</b>	>100°F	<b>Auto-Ignition Temp:</b>	Not determined
<b>Partition Coefficient:</b>	Not determined		
<b>Vapor Pressure:</b>	Not determined		
<b>pH:</b>	5.00		
<b>Evap. Rate:</b>	Not determined		
<b>Decomp Temp:</b>	Not determined		

**10 STABILITY AND REACTIVITY**

**Chemical Stability:** Product is stable under normal storage and use conditions. Avoid sources of ignition such as sparks, hot spots, welding flames and lighted cigarettes which may yield toxic and/or corrosive decomposition products.

**Conditions to Avoid:** Heat, flames, ignition sources and incompatibles.

**Materials to Avoid:** Strong oxidizing agents such as nitrates, perchlorates or sulfuric acid. Will attack some forms of plastics, rubber and coatings. May react with metallic aluminum and generate hydrogen gas. May react with oxidizing agents.

**Hazardous Decomposition:** May form carbon dioxide, carbon monoxide, nitrogen oxides, sulfur oxides, some metallic oxides, and formaldehyde when heated to decomposition.

**Hazardous Polymerization:** Will not occur.

---

**ENTEGRATE IC3710**

---

**11 TOXICOLOGICAL INFORMATION****Acute Toxicity:**

Methanol: Oral (rat) LD<sub>50</sub> 5628 mg/kg; Dermal (rabbit) LD<sub>50</sub> 15800 mg/kg; Inhalation (rat) 4h LC<sub>50</sub> 64,000 ppm

THPC: Oral (rat) LD<sub>50</sub> 121 mg/kg; Dermal (rabbit) LD<sub>50</sub> 4084 mg/kg

**Skin Corrosion/Irritation:** No data available

**Serious eye damage/irritation:** No data available

**Respiratory or skin sensitization:** No data available

**Specific target organ toxicity (single exposure):** No data available

**Specific target organ toxicity (repeated exposure):** No data available

**Aspiration hazard:** No data available

**Carcinogenicity:** No carcinogenic effects are known for the components of this product

**Germ Cell Mutagenicity:** No mutagenic effects are known for the components of this product

**Teratogenicity:** No teratogenic effects are known for the components of this product

**12 ECOLOGICAL INFORMATION**

**Aquatic Toxicity** No data available

**Elimination (persistence & degradability):** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available

**Other adverse effects:** No data available

**13 DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local regulations.

This material, if discarded as produced, would normally be considered hazardous waste.

This material should be fully characterized for toxicity and possible reactivity prior to disposal (40 CFR 261). Use which results in chemical or physical change or contamination may subject it to regulation as a hazardous waste. Along with properly characterizing all waste materials, consult state and local regulations regarding the proper disposal of this material.

Container contents should be completely used and containers should be emptied prior to discard. Container rinsate could be considered a RCRA hazardous waste and must be disposed of with care and in full compliance with federal, state and local regulations. Larger empty containers, such as drums, should be returned to the distributor or to a drum reconditioner. To assure proper disposal of smaller empty containers, consult with state and local regulations and disposal authorities.

**14 TRANSPORT INFORMATION**

UN1992, Flammable liquids, toxic, n.o.s., 3,(6.1), PGIII, (Methanol, THPC)

DOT Transportation data (49 CFR 172.101)

See section 15 of SDS for information on Reportable Quantity chemicals (RQ)

---

**ENTEGRATE IC3710**

---

**15 REGULATORY INFORMATION****Component (CAS#) [%] - CODES**

---

RQ(5000LBS), Methyl alcohol (67-56-1) [15-25%] CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, PROP65, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

Phosphonium, tetrakis(hydroxymethyl)-, chloride (124-64-1) [10-20%] TSCA

**Regulatory CODE Descriptions**

---

RQ = Reportable Quantity

CERCLA = Superfund clean up substance

HAP = Hazardous Air Pollutants

MASS = MA Massachusetts Hazardous Substances List

NJHS = NJ Right-to-Know Hazardous Substances

OSHA WAC = OSHA Workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

PROP65 = CA Prop 65

SARA313 = SARA 313 Title III Toxic Chemicals

TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)

TSCA = Toxic Substances Control Act

TXAIR = TX Air Contaminants with Health Effects Screening Level

TXHWL = TX Hazardous Waste List

TSCA: All components of this product are listed (or are not required to be listed) in the TSCA inventory

EPA / CERCLA / SARA TITLE III:

**Extremely Hazardous Substance (SARA 302/304):** This product does not contain any extremely hazardous substances subject to emergency planning requirements.

**SARA 312:** Acute, Chronic, Fire

**RCRA:** Ignitability, D001

**California Proposition 65:** This product contains a chemical known to the state of California to cause cancer

---

**ENTEGRATE IC3710**

---

**16 OTHER INFORMATION**

HMIS III: Health = 3, Fire = 3, Physical Hazard = 0  
HMIS PPE: H - Splash Goggles, Gloves, Apron, Vapor Respirator

HMIS	
HEALTH	3
FLAMMABILITY	3
PHYSICAL HAZARD	0
PERSONAL PROTECTION	H

**Author:** U.S. Water Services

**Revision Notes:** Updated to GHS format

**Disclaimer:**

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s). The above information is not claiming characteristics of the product in term of legal claims of performance / guarantee. This information only describes safety measures and no liability may arise from the use or application of the product described herein. This information is given in good faith and based on our current knowledge of the product.