

MATERIAL SAFETY DATA SHEET

EPL-50  
EXTREME PRESSURE LUBRICANT

2 HMIS HEALTH  
1 HMIS FLAMMABILITY  
1 HMIS REACTIVITY  
C HMIS PERSONAL PROTECTION

SECTION I - IDENTIFICATION

COMPANY NAME ..... B. B. CHEMICALS, INC., 16107 W. UNIVERSITY, ODESSA, TEXAS 79769  
PHONE NUMBER ..... 915/381-2595  
EMERGENCY PHONE NUMBER..... 800/375-0100  
EFFECTIVE DATE ..... July 25, 1994  
TRADE NAME..... EPL-50  
CHEMICAL FAMILY ..... Lubricant  
CAS NUMBER ..... Confidential  
CHEMICAL FORMULA..... Confidential

SECTION II - HAZARDOUS INGREDIENTS

| HAZARDOUS COMPONENTS | %  | TLV (Units)   | PROD. CAS # |
|----------------------|----|---|-------------|
| Ethylene Glycol      | 10 | ACGIH C 50 PPM  | 107-21-1    |
| Methyl Alcohol       | 15 | OSHA TWA 200 ppm PEL ACGIH TWA 200 ppm<br>(TLV Skin) ACGIH STEL | 67-56-1     |

SECTION III - PHYSICAL DATA

BOILING Point(F) ..... >300 degrees F  
FREEZING POINT (F) ..... ND  
VAPOR PRESSURE (mm Hg) ..... @ 20 degrees C - >1  
VAPOR DENSITY (Air=1) ..... >1  
VOLATILITY/VOL(%) ..... Nil  
SOLUBILITY IN H2O ..... Soluble  
APPEARANCE/ODOR ..... Yellow, viscous liquid with mild fatty odor.  
SPECIFIC GRAVITY (H2O=1) ..... 1.040  
DENSITY (G/ML) ..... 476# / 55 gallon drum  
PH ..... 6.0 to 6.5

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT ..... <100 F.  
LOWER FLAME LIMIT ..... ND  
HIGHER FLAME LIMIT ..... ND  
EXTINGUISH MEDIA ..... Water fog or spray, Foam, Dry Powder, Carbon Dioxide (CO2).  
UNUSUAL FIRE HAZARD ..... Containers may explode from internal pressure if confined to fire. Cool with water. Keep unnecessary people away.

MATERIAL SAFETY DATA SHEET

EPL-50  
EXTREME PRESSURE LUBRICANT

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE.....No Data

|                 |                         |                    |                         |
|-----------------|-------------------------|--------------------|-------------------------|
| ROUTES OF ENTRY | INHALATION?<br>Irritant | SKIN?<br>Corrosive | INGESTION?<br>Corrosive |
|-----------------|-------------------------|--------------------|-------------------------|

HEALTH HAZARDS .....Acute, Corrosive to skin, eyes, and mucous membranes.

|                       |            |                        |                      |
|-----------------------|------------|------------------------|----------------------|
| CARCINOGENICITY<br>No | NTP?<br>No | IARC MONOGRAPHS?<br>No | OSHA REGULATED<br>No |
|-----------------------|------------|------------------------|----------------------|

OVER EXPOSURE EFFECTS.....Skin irritation develops slowly after contact. Eye irritation develops immediately upon contact. Signs of Inhalation Overexposure: Irritation of Respiratory Tract, Nervous System Depression, Headaches, Dizziness, Staggering Gait, Confusion, Unconsciousness, Coma.

FIRST AID PROCEDURES.....In Case Of Eye Contact, Flush Immediately With Plenty Of Water For At Least 15 Minutes And Get Medical Attention; For Skin, Wash Thoroughly With Soap And Water. If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention. If swallowed, do not induce vomiting, get immediate medical attention.

SECTION VI - REACTIVITY DATA

CHEMICAL STABILITY .....Stable  
CONDITIONS TO AVOID .....None  
INCOMPATIBLE MATERIALS .....Oxidizers or Oxidizing Materials.  
DECOMPOSITION PRODUCTS .....From Fire: Smoke, Carbon Dioxide, Carbon Monoxide, And Oxides Of Nitrogen  
HAZARDOUS POLYMERIZATION .....Will not occur  
POLYMERIZATION AVOID.....None

SECTION VII - SPILL OR LEAK PROCEDURE

FOR SPILL .....In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations.  
WASTE DISPOSAL METHOD.....Hazardous Waste. Follow Federal and State Regulations.

SECTION VIII - SPECIAL PROTECTION

RESPIRATORY PROTECTION.....NIOSH approved Organic Vapor Mask recommended  
VENTILATION.....Desired in closed places  
MECHANICAL EXHAUST.....Desired  
LOCAL EXHAUST.....Desired in closed places  
PROTECTIVE GLOVES.....Chemical Type suitable for hydrocarbon solvents.  
EYE PROTECTION.....Chemical Goggles or Full Face Shield recommended  
OTHER PROTECTIVE EQUIPMENT.....HMIS Personal Protection: C: Safety glasses, Gloves, and Synthetic apron.

**MATERIAL SAFETY DATA SHEET**

**EPL-50**

**EXTREME PRESSURE LUBRICANT**

---

**SECTION IX - SPECIAL HANDLING AND DOT**

---

HANDLING AND STORAGE.....Store in a cool place away from ignition sources. Store away from oxidizers or materials bearing a yellow DOT label.

PRECAUTIONARY MEASURES.....Keep away from heat, sparks and flame. Use with adequate ventilation. Do not breathe vapors. Avoid prolonged or repeated contact with skin.

HAZARD CLASS.....Flammable

DOT SHIPPING NAME.....Flammable Liquid, n.o.s., 3, UN1993, PGIII (contains methyl alcohol)

REPORTABLE QUANTITY (RQ).....None

UN NUMBER.....UN1993

NA #.....None

PACKAGING SIZE.....Bulk and Drums

---

**FOOT NOTES**

N/A=NOT APPLICABLE - N/D=NO DATA  
AVAILABLE <=LESS THAN - >=GREATER  
THAN

PREPARED BY.....B.B. Chemicals, Inc. (915) 381-2595  
REVISED DATE..... 9/22/98

THIS PRODUCT'S HEALTH AND SAFETY INFORMATION IS PROVIDED TO ASSIST OUR CUSTOMERS IN ASSESSING COMPLIANCE WITH HEALTH, SAFETY AND ENVIRONMENTAL REGULATIONS. THE INFORMATION CONTAINED HEREIN IS BASED ON DATA AVAILABLE TO US, AND IS BELIEVED TO BE ACCURATE, ALTHOUGH NO GUARANTEE OR WARRANTY IS PROVIDED OR IMPLIED BY THE COMPANY IN THIS RESPECT. SINCE THE USE OF THIS PRODUCT IS WITHIN THE EXCLUSIVE CONTROL OF THE USER, IT IS THE USER'S RESPONSIBILITY TO DETERMINE THE CONDITIONS OF SAFE USE. SUCH CONDITIONS MUST COMPLY WITH ALL GOVERNMENTAL REGULATIONS. ALL MATERIALS IN THIS PRODUCT ARE PRODUCED IN COMPLIANCE WITH PUBLIC LAW 94-469. (ALSO KNOWN AS THE "TOXIC SUBSTANCE CONTROL ACT" OF 1976.

**MATERIAL SAFETY DATA SHEET**

**EPL-50**

**EXTREME PRESSURE LUBRICANT**

---

**SECTION IX - SPECIAL HANDLING AND DOT**

---

HANDLING AND STORAGE.....Store in a cool place away from ignition sources. Store away from oxidizers or materials bearing a yellow DOT label.

PRECAUTIONARY MEASURES.....Keep away from heat, sparks and flame. Use with adequate ventilation. Do not breathe vapors. Avoid prolonged or repeated contact with skin.

HAZARD CLASS.....Flammable

DOT SHIPPING NAME.....Flammable Liquid, n.o.s., 3, UN1993, PGIII (contains methyl alcohol)

REPORTABLE QUANTITY (RQ).....None

UN NUMBER.....UN1993

NA #.....None

PACKAGING SIZE.....Bulk and Drums

---

FOOT NOTES

N/A=NOT APPLICABLE - N/D=NO DATA  
AVAILABLE <=LESS THAN - >=GREATER  
THAN

PREPARED BY.....B.B. Chemicals, Inc. (915) 381-2595  
REVISED DATE.....9/22/98

THIS PRODUCT'S HEALTH AND SAFETY INFORMATION IS PROVIDED TO ASSIST OUR CUSTOMERS IN ASSESSING COMPLIANCE WITH HEALTH, SAFETY AND ENVIRONMENTAL REGULATIONS. THE INFORMATION CONTAINED HEREIN IS BASED ON DATA AVAILABLE TO US, AND IS BELIEVED TO BE ACCURATE, ALTHOUGH NO GUARANTEE OR WARRANTY IS PROVIDED OR IMPLIED BY THE COMPANY IN THIS RESPECT. SINCE THE USE OF THIS PRODUCT IS WITHIN THE EXCLUSIVE CONTROL OF THE USER, IT IS THE USER'S RESPONSIBILITY TO DETERMINE THE CONDITIONS OF SAFE USE. SUCH CONDITIONS MUST COMPLY WITH ALL GOVERNMENTAL REGULATIONS. ALL MATERIALS IN THIS PRODUCT ARE PRODUCED IN COMPLIANCE WITH PUBLIC LAW 94-469. (ALSO KNOWN AS THE "TOXIC SUBSTANCE CONTROL ACT" OF 1976.

**MATERIAL SAFETY DATA SHEET**

**EPL-50  
EXTREME PRESSURE LUBRICANT**

TRADE NAME.....EPL-50

SIGNAL WORD.....DANGER!

STATEMENT OF HAZARD .....Flammable  
Causes Eye Burns and Skin Irritation

DOT LABEL REQUIRED.....Flammable

MATERIAL SAFETY DATA SHEET

EPL-50  
EXTREME PRESSURE LUBRICANT

ENVIRONMENTAL DATA SHEET

SECTION I - IDENTIFICATION

COMPANY NAME ..... B. B. CHEMICALS, INC., 16107 W. UNIVERSITY, ODESSA, TEXAS 79769  
PHONE NUMBER ..... 915/381-2595  
EMERGENCY PHONE NUMBER ..... 800/375-0100  
EFFECTIVE DATE ..... July 25, 1994  
TRADE NAME ..... EPL-50  
CHEMICAL FAMILY ..... Lubricant

SPECIAL NOTICE: In accordance with 40 CFR 372.45, this product contains the following materials which have been classified as TOXIC under SARA Title III, Section 313. This page is a part of the Material Safety Data Sheet describing the above named product and shall not be detached. Any reproduction or distribution of this Material Safety Data Sheet after January 1, 1989 must include this page.

SECTION XI - SARA TITLE III, SECTION 313

| TOXIC CHEMICALS | %  | PROD. CAS # |
|-----------------|----|-------------|
| Ethylene Glycol | 10 | 107-21-1    |
| Methyl Alcohol  | 15 | 67-56-1     |

SECTION X - ENVIRONMENTAL DATA

EPA HAZARD ..... Acute  
CERCLA RQ VALUE ..... NONE  
SARA TPQ ..... None  
SARA RQ ..... None  
RCRA HAZARDOUS WASTE ..... Methanol - U154  
CLEAN AIR ..... NONE  
CLEAN WATER ..... NONE