

# MATERIAL SAFETY DATA SHEET

EPL-50  
Extreme Pipe Lubricant

1 HMIS HEALTH  
3 HMIS FLAMMABILITY  
0 HMIS REACTIVITY  
B HMIS PERSONAL PROTECTION

## SECTION I - IDENTIFICATION

COMPANY NAME ..... B. B. Chemicals  
16107 West University  
Odessa, Texas 79769  
PHONE NUMBER ..... 432-381-2595  
EMERGENCY PHONE NUMBER..... 800-424-9300  
EFFECTIVE DATE ..... March 2011  
TRADE NAME ..... EPL-50  
CHEMICAL FAMILY ..... Specialty Surfactant  
CAS NUMBER..... Blend of Components  
CHEMICAL FORMULA ..... Confidential

## SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	%	Exposure Limits (ACGIH TWA)	PROD. CAS #
Methanol	10-20	200 ppm	67-56-1
Ethylene Glycol	5-15	100 mg/m <sup>3</sup> (STEL)	107-21-1
Ammonium Hydroxide	1-5	25 ppm (NH <sub>4</sub> )	1336-21-6

\*Alkylphenol ethoxylate phosphate ester based Surfactants  
\*These compounds are not considered hazardous but are listed for additional safety.

## SECTION III - PHYSICAL DATA

BOILING Point (F) ..... Not Determined  
FREEZING POINT (F)..... Not Determined  
SOLUBILITY IN H<sub>2</sub>O ..... Soluble  
APPEARANCE/ODOR ..... Light yellow liquid with alcohol odor  
SPECIFIC GRAVITY (H<sub>2</sub>O=1)..... 1.007  
DENSITY (lbs./gal) ..... 8.4  
DRUM WEIGHT (Pounds)..... 463 lbs. per 55 gallon drum  
PH ..... 6.0 to 6.5

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (TCC Method) ..... 73°F  
Fire Fighting Media & Instructions..... In case of fire, use foam, dry chemical, or carbon dioxide (CO<sub>2</sub>) fire extinguishers. Water fog or spray may be used to keep containers cool. Keep water runoff out of sewers and public water ways.  
UNUSUAL FIRE HAZARD ..... **Flammable liquid:** At elevated temperatures, vapors can form an ignitable mixture with air. Vapors can flow along surfaces to a distant ignition source and flash back. Material can burn with little or no visible flame. Static discharges can cause ignition when containers are not grounded. Containers may explode from internal pressure, if confined to fire. Keep unnecessary people away.

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## SECTION V - HEALTH HAZARD DATA

Potential Routes of entry:

**Inhalation**.....Breathing vapor or mist of this material is possible during normal handling. Breathing small amounts of this material is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms usually occur at air concentration higher than recommended exposure limits.

**Skin**.....Wash exposed area with plenty of water and soap. Repeat washing. Remove contaminated clothing and wash thoroughly before reuse. If irritation persists, consult a health care professional.

**Ingestion**.....DO NOT INDUCE VOMITING UNLESS TOLD TO DO SO BY THE POISON CONTROL CENTER OR DOCTOR. Immediately contact poison control center (800-222-1222).

**Eye Contact**.....Flush immediately with copious amounts of water for 15 minutes. Take exposed individual to a health care professional, preferably an ophthalmologist for further evaluation.

OVER EXPOSURE EFFECTS.....Skin irritation may develop slowly after contact. Eye irritation develops immediately upon contact.

FIRST AID PROCEDURES.....In case of eye contact immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention. In case of skin contact immediately wash skin with soap and plenty of water. If irritation persists, contact a physician. If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing difficult, give oxygen. Get medical attention. If swallowed, do NOT induce vomiting and get IMMEDIATE medical attention.

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

**CARCINOGENICITY**  
No

**NTP**  
No

**IARC MONOGRAPHS**  
No

**OSHA REGULATED**  
Yes

## SECTION VI - REACTIVITY DATA

CHEMICAL STABILITY .....Stable

CONDITIONS TO AVOID .....Exposure to extreme heat or fire. Avoid mixing with strong oxidizers.

INCOMPATIBLE MATERIALS .....strong oxidizers

DECOMPOSITION PRODUCTS .....FROM FIRE: SMOKE, CARBON DIOXIDE, CARBON MONOXIDE, OXIDES CARBON AND OXIDES OF NITROGEN

HAZARDOUS POLYMERIZATION.....Will not occur

## 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.....Industrial Waste Follow State Regulations.

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## SECTION VIII - SPECIAL PROTECTION

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RESPIRATORY PROTECTION..... Not normally needed.  
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: B: Safety glasses, and Chemical resistant Gloves.

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## SECTION IX - SPECIAL HANDLING AND DOT

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HANDLING AND STORAGE..... Store in a cool place away from ignition sources. Store material away from oxidizers or materials bearing a yellow DOT label.  
PRECAUTIONARY MEASURES..... Avoid breathing vapors and prolonged or repeated contact with skin.  
HAZARD CLASS..... Flammable Liquid  
DOT SHIPPING NAME..... UN 1993, Flammable liquids, n.o.s, 3, PG III (Contains: Methanol, Ethylene Glycol)  
DOT REPORTABLE QUANTITY (RQ) ..... 33,300 lbs or 3,965 gallons  
UN NUMBER..... UN 1993  
ERG # ..... 128  
PACKAGING SIZE..... Bulk and Drums

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### FOOT NOTES

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

PREPARED BY..... B. B. Chemicals  
REVISED DATE..... March 2011

This product 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 material in this product are produced in compliance with public law 94-469. (Also known as the "Toxic Substance Control Act" of 1976). **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).**

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TRADE NAME .....EPL-50

SIGNAL WORD..... Flammable Liquid  
Caution – Spill Hazard

STATEMENT OF HAZARD ..... Flammable Liquid  
Environmentally Hazardous Substance

DOT LABEL REQUIRED ..... UN 1993, Flammable liquids, n.o.s, 3, PG III (Contains: Methanol, Ethylene Glycol)

**MATERIAL SAFETY DATA SHEET**

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**ENVIRONMENTAL DATA SHEET**

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**SECTION I - IDENTIFICATION**

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16107 West University  
Odessa, Texas 79763  
PHONE NUMBER ..... 432-381-3595  
EMERGENCY PHONE NUMBER..... 800-424-9300  
EFFECTIVE DATE..... February 2011  
TRADE NAME ..... EPL-50  
CHEMICAL FAMILY ..... Specialty Surfactant

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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.

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**SECTION XI - SARA TITLE III, SECTION 313**

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TOXIC CHEMICALS	%	PROD. CAS #
Methanol	10-20	67-56-1
Ethylene Glycol	5-15	107-21-1
Ammonium Hydroxide	1-5	1336-21-6

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**SECTION X - ENVIRONMENTAL DATA**

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CERCLA RQ VALUE..... If the reportable quantity of this product is accidentally spilled, the incident is subject to the provisions of the Comprehensive Environmental Response, Compensation and Liability Act and must be reported to the national response center. The reportable spill quantity of this product is 33,300 lbs or 3,965 gallons

SARA TPQ ..... 33,300 lbs or 3,965 gallons  
SARA RQ ..... 33,300 lbs or 3,965 gallons

RCRA HAZARDOUS WASTE ..... This material, if discarded, is a hazardous waste under RCRA Regulation 40 CFR 261. Material, if discarded, is expected to be hazardous waste under RCRA due to Characteristics of Ignitability (D001). Treatment, storage, transportation, and disposal must be in accordance with applicable, Federal, State, and Local regulations.

CLEAN WATER ..... This product does contain known marine pollutants. Discharges to any water source should be avoided at all times. In the event of a spill, proper prevention methods should be used to prevent accidental release into stream, lakes, or any public or private water system.