

# MATERIAL SAFETY DATA SHEET

PRODUCT: EP Base Oil Plus  
DATE OF REVISION: 5-25-2007  
ISSUE DATE: 12-15-06

MANUFACTURER: ECO-PAK LLC  
SELMA, IN

IN CASE OF EMERGENCY CALL INFOTRAC: 1-800-535-5053

## 1. PRODUCT IDENTIFICATION

TRADEMARK: EP Base Oil Plus  
SYNONYMS: Petroleum Distillate & Emulsifier  
CHEMICAL FAMILY: Petroleum Hydrocarbon Oil

## 2. HAZARDOUS INGREDIENTS

### OSHA REGULATED COMPONENTS

CHEMICAL INGREDIENTS	CASE NO.	WT%	EXPOSURE LIMITS
Light Paraffin Oil Distillate and Emulsifiers	Mixture	100	No Specific Limit

Maximum of 1 ppm Ethylene Oxide (EO) (75-21-8) may be present in the product.  
The OSHA PEL and SCGIH TLV for EO is 1 ppm.

## 3. EFFECTS OF OVEREXPOSURE:

Harmful or fatal if swallowed. Pulmonary aspiration hazard if swallowed and/or vomiting occurs – can enter lungs and cause damage. Excessive exposure may cause irritation to eyes, nose, and throat. No acute effects expected to be twice exposure limit. Contact with skin is practically non-toxic if absorbed may result in mild irritation with prolonged or repeated contact.

## 4. EMERGENCY FIRST AID

Call a poison control center or doctor immediately for treatment advice.

### IF SWALLOWED:

Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to and unconscious person

### IF ON SKIN OR CLOTHING:

Take off contaminated clothing Rinse skin immediately with plenty of water for 15-20 minutes.

### IF INHALED:

Move person to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

### IF IN EYES:

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after the first 5 minutes, then continue rinsing eye. Have the product container with you when calling a poison control center or doctor, or going for treatment.

## 5. REACTIVITY DATA

STABILITY:	Stable
CONDITIONS TO AVOID:	Excessive heat
POLYMERIZATION:	Will Not Occur
CONDITIONS TO AVOID:	None known
INCOMPATIBLE MATERIALS:	Strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS:	Combustion may produce carbon monoxide and asphyxiates.

## 6. PHYSICAL PROPERTIES

APPEARANCE:	clear to light amber, may be dyed blue
ODOR:	Little Odor
BOILING POINT:	>200 degrees Fahrenheit
MELTING POINT:	Not Available
VAPOR PRESSURE:	Not Available
SPECIFIC GRAVITY:	0.899
VAPOR DENSITY:	Not Available
% VOLATILE (BY VOL):	NIL
OCTANOL/H <sub>2</sub> O PARTITION COEF:	Not Applicable
pH:	Not Available
SATURATION IN AIR (BY VOL):	Not Applicable
EVAPORATION RATE:	(Ethyl Ether=1) >1

## 7. NFPA HAZARD RATING (National Fire Protection Association)

Fire: Slight: No hazard beyond that of ordinary combustible material.

## 8. FIRE AND EXPLOSION HAZARD INFORMATION

FLASHPOINT:	> 200 degrees Fahrenheit
SLAMMABLE LIMITS (% BY VOL):	Not Established
AUTOIGNITION TEMP:	Not Established
DECOMPOSITION TEMP:	Not Established
FIRE FIGHTING:	Wear self- contained breathing apparatus when fire fighting in confined space.
EXTINGUISHING MEDIA:	Carbon dioxide, dry chemical and chemical foam or water fog.
HAZARD:	Can be made to burn (Flash point greater than 200 degrees Fahrenheit)

## 9. SPECIAL PRECAUTIONS

### HANDLING AND STORAGE/OTHER:

Maintain good housekeeping practices and clean up spills promptly. NFPA Class IIIB storage. Never siphon by mouth,. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

## 10. SPECIAL PROTECTION INFORMATION

Engineering controls are not usually necessary, if good hygiene practices are strictly followed. Before eating, drinking, or smoking, wash face and hands thoroughly with soap and water. Wear impervious gloves and protective gear if prolonged contact is unavoidable. Launder soiled clothes. Respiratory protection is not normally necessary. However, if product is heated or misted, use MIOSH certified respiratory protection.

## 11. SPILL OR LEAK PROCEDURES

SPILL OR LEAK: Contain spill, cover with inert absorbent and transfer to waste disposal container. Aquatic toxicity: Not determined.

WASTE DISPOSAL: Disposal must be made in accordance with applicable governmental regulations. Do not flush to drain/storm sewer.

## 12. REGULATORY INFORMATION

### COMPOUNDS WHICH REQUIRE REPORTING UNDER SARA TITLE III

Sara Regulated Compounds	Section	CAS NO.	Percent
Residual Ethylene Oxide	302/304	75-21-8	0.001
Glycol Ethers	311	75-21-8	>0.1

California Prop. 65: The following detectable components of this product are substances, or belong to classes of substances, known to the state of California to cause cancer and/or reproductive toxicity.

Residual Ethylene Oxide	302/304	75-21-8	0.001
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The recommendation for safe handling and protection procedures is believed to be generally suitable for the standard used of this compound. However, each user should identify his intended uses of this material and determine whether they are appropriate, all data included in this document is released as typical values and should not be utilized to determine the suitability of this material for a particular use or purpose. No warranty, either expressed or implied, is hereby made, nor do we give permission, inducement, or recommendations to practice any patented invention without a license. All data is offered for consideration, investigation and verification purposes only.

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