

MATERIAL SAFETY DATA SHEET
NAME OF PRODUCT RECLAMITE

FILE NUMBER: 1902
DATE PREPARED: 8/09/05

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

| | | | |
|-------------------------|-------------------------------------------------------------------------|--------------------------------------------------|-----------------------|
| PRODUCT NAME: | RECLAMITE | HAZARDOUS MATERIALS IDENTIFICATION SYSTEM | |
| SYNONYMS: | PETROLEUM EMULSION | HMIS® HAZARD RATING | |
| PRODUCT CODES: | 1902 | 4 - SEVERE | HEALTH 1 * |
| MANUFACTURER: | TRICOR REFINING, LLC | 3 - SERIOUS | FLAMMABILITY 0 |
| DIVISION: | BAKERSFIELD | 2 - MODERATE | REACTIVITY 0 |
| ADDRESS: | P.O. BOX 5877, BAKERSFIELD, CA 93388 | 1 - SLIGHT | |
| EMERGENCY PHONE: | (661) 393-7110 | 0 - MINIMAL | |
| PREPARED BY: | TRICOR REFINING, LLC HEALTH, SAFETY AND ENVIRONMENTAL DEPARTMENT | | |

SECTION 2: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

| CHEMICAL FAMILY: PETROLEUM HYDROCARBON IN WATER EMULSION | | | | |
|---------------------------------------------------------------------------------------|----------------------------------------------|----------------------------------------------|---------------------------------|--------------------|
| HAZARDOUS COMPONENT(S) | CAL-OSHA PEL-TWA (8 HOUR) | ACGIH TLV TWA (8 HOUR) | OTHER LIMITS RECOMMENDED | % BY WEIGHT |
| Heavy Naphthenic Distillate Solvent Extract CAS No. 64742-11-6 | 5 mg/m ³ (as mineral oil mist) | 5 mg/m ³ (as mineral oil mist) | None | < 49 |
| Distillate (Petroleum) Hydrotreated Heavy Naphthenic CAS 64742-52-5 | 5 mg/m ³ (as mineral oil mist) | 5 mg/m ³ (as mineral oil mist) | None | < 43 |
| Distillate (Petroleum), Chemically Neutralized Heavy Naphthenic CAS No. 64742-34-3 | 5 mg/m ³ (as mineral oil mist) | 5 mg/m ³ (as mineral oil mist) | None | < 12 |

SECTION 3: HEALTH HAZARDS IDENTIFICATION

| | | | | |
|-------------------------|------------------|------------------|-----------------------|------------------------|
| ROUTES OF ENTRY: | EYES: Yes | SKIN: Yes | INGESTION: Yes | INHALATION: Yes |
|-------------------------|------------------|------------------|-----------------------|------------------------|

HEALTH HAZARDS (ACUTE AND CHRONIC):

- EYES:** The cool material is not expected to cause eye irritation. Thermal burns may result from contact with hot material.
- SKIN:** The cool material is not expected to cause skin irritation. Thermal burns may result from contact with hot material.
- INGESTION:** This product is not expected to be acutely toxic by ingestion. If swallowed, do not induce vomiting, call a physician.
- INHALATION:** Fumes from hot product may be unpleasant and may produce nausea. Remove the person to fresh air if respiratory discomfort occurs.

SIGNS AND SYMPTOMS OF EXPOSURE:

EYES: Overexposure may cause irritation.
SKIN: Prolonged exposure may cause dermatitis.
INGESTION: Overexposure may cause dizziness, drowsiness, headache and nausea.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Persons with preexisting skin or respiratory disorders may have their conditions aggravated by overexposure to this material.

CARCINOGENICITY: ACGIH, NTP, OSHA and IARC carcinogen lists were checked for those components with CAS Registry Numbers (64742-34-3), (64742-52-5) and (64742-11-6).

ACGIH: This product is not listed as carcinogenic.

IARC: Group 2B – This product is possibly carcinogenic to humans. This product contains petroleum oils similar to ones categorized by the International Agency for Research on Cancer as causing skin cancer in laboratory animals when the oil was repeatedly applied for most of the lifetime of the animal with no effort made to remove the oil between applications. Handling instructions and precautions outlined in this MSDS should be followed when handling this product.

NTP: This product contains no ingredients classified as carcinogens.

OSHA: This product contains no ingredients classified as carcinogens.

CA PROP 65: This product contains chemicals in trace quantities that are on the California Proposition 65 List.

SECTION 4: EMERGENCY AND FIRST AID MEASURES

EYES: Immediately flush eyes with water for a minimum of 15 minutes. Seek medical attention immediately.

SKIN: Wash contact areas with soap and water. Remove and clean oil soaked clothing daily and wash affected area.

INGESTION: Do not induce vomiting. If operating conditions create airborne concentrations that exceed the exposure standard, the use of an approved NIOSH/OSHA respirator for organic vapors or air-supplied breathing equipment is recommended. If ingested, seek medical attention.

INHALATION: Not expected to be a problem. However, if respiratory irritation, dizziness, nausea or unconsciousness occurs due to excessive vapor or mist exposure, seek medical attention. If operating conditions create airborne concentrations that exceed the exposure standard, the use of an approved NIOSH/OSHA respirator for organic vapors or air-supplied breathing equipment is recommended.

SECTION 5: FIRE AND EXPLOSION HAZARD DATA

**FLAMMABLE LIMITS IN AIR,
(% BY VOLUME)**

UPPER: No data available

LOWER: No data available

FLASH POINT: COC °F:

Not Applicable

EXTINGUISHING MEDIA:

Foam, water fog, dry chemical, CO₂

SPECIAL FIRE FIGHTING PROCEDURES: Do not enter confined fire space without proper protective equipment including self-contained breathing apparatus. See Hazardous Decomposition Products.

HAZARDOUS DECOMPOSITION PRODUCTS:

Normal combustion forms carbon dioxide and water vapor, and may produce oxides of sulfur and nitrogen. Incomplete combustion can produce carbon monoxide.

SECTION 6: SPILL OR LEAK PROCEDURES

ACCIDENTAL RELEASE MEASURES: In case of spill, clean up using absorbent material such as earth or sand. If spilled into the water, remove the bulk of the product by skimming. If spilled into a navigable waterway in the United States or that may enter the United States, and a film, sheen or discoloration of any water surface is observed, the spill must be reported to the United States National Response Center by calling (800) 424-8802.

WASTE DISPOSAL METHOD: Dispose of in accordance with all applicable Federal, Provincial and Local Regulations.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Avoid fire, sparks or open flame. Wear appropriate personal protective equipment to ensure that this product does not contact the eyes or skin.

VENTILATION: Use adequate ventilation to keep the airborne concentrations of this material below the established exposure limits.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: If operating conditions create airborne concentrations that exceed the exposure standard for mineral oil mists, the use of an approved NIOSH/OSHA respirator for organic vapors or air supplied breathing equipment is recommended.

EYE PROTECTION: Wear appropriate safety glasses, goggles or face shield.

SKIN PROTECTION: Long sleeve cotton shirt and cotton pants are recommended. Wear appropriate gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: N/T (non Transparent) Pink

ODOR: Petroleum odor

PHYSICAL STATE: Liquid

INITIAL BOILING POINT: Greater than 212 ° F

VAPOR PRESSURE (mmHg): Same as water

VAPOR DENSITY (AIR = 1): Same as water

SPECIFIC GRAVITY (H₂O = 1): 1.0

PERCENT VOLATILE (% BY VOL.): NA

EVAPORATION RATE (WATER = 1): 1

SOLUBILITY IN WATER: Readily dispersible

SECTION 10: REACTIVITY DATA

STABILITY: Stable

CONDITIONS CONTRIBUTING TO INSTABILITY: None

INCOMPATIBILITY (MATERIAL TO AVOID): May react with strong oxidizers.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

Normal combustion forms carbon dioxide and water vapor, and may produce oxides of sulfur and nitrogen. Incomplete combustion can produce carbon monoxide.

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

Not regulated as a hazardous material for transportation.

SECTION 12: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

TSCA (TOXIC SUBSTANCE CONTROL ACT) REGISTRY: Listed

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT):

Petroleum emulsions are not a hazardous substance under CERCLA.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

Section 302/304: This product is not listed as an extremely hazardous substance in 40 CFR Part 355 and is not known to contain an extremely hazardous substance in a concentration greater than one percent by weight.

Section 311/312:

| | |
|--------------------------|-----|
| Acute Health Hazard: | No |
| Chronic Health Hazard: | Yes |
| Fire Hazard: | No |
| Pressure Release Hazard: | No |
| Reactivity Hazard: | No |

Section 313: This product is not known to contain any components in concentrations above *de minimus* levels that are listed as toxic in 40 CFR Part 372 pursuant to the requirements of Section 313 of SARA.

WHMIS: D2A

OSHA: 29 CFR 1910.1200 (Hazard Communication) required

**UNITED STATES
REGULATIONS:**

Mineral oil, petroleum extracts, heavy naphthenic distillate solvent appears on one or more of the hazardous substances lists in the following states:

MA

The information provided in this Material Safety Data Sheet is believed to be accurate and reliable on and as of the date on page one. **However, this Material Safety Data Sheet is not a guarantee or warranty of any kind, express or implied. Any and all warranties of merchantability and/or fitness for a particular purpose are specifically disclaimed.** It is the user's responsibility to determine the conditions under which the product is used, including the selection of engineering controls, work practices and Personal Protective Equipment to minimize hazards.