RAIMOL LUBRICOOL EM

HP EMUSIFIABLE CUTTING OIL

Identification of the Substance/Preparation and Company Undertaking

Product Name: RAIMOL LUBRICOOL EM
Product Information: HP Emulsifiable Cutting Oil
Company Name: Rainchem International, Inc.
Address: 4015 Le Cul de Sac Street, Sun Valley, Paranaque City
Phone Number: (632)403-8297

Composition/Information on Ingredients

Chemical Name	CAS Number	5 by wt.
Solvent dewaxed heavy napthenic petroleum distillate	64742-63-8	85-90
Diethylene Glycol Butyl Ether	112-34-5	5-10
Sodium Petroleum Sulfonate	68608-26-4	5-10
Diethylene Glycol	111-46-6	Less than 1%
Biocide	Chemical Compound	Less tahn 1%

Risk Phrases and Symbol

RAI 1 = Irritating to eyes
RAI 2 = Irritating/Harmful to respiratory system
RAI 3 = Irritating to skin

Hazards Identification

Health: Lubricating Oils may cause any skin disease or respiratory illness.
Skin Contact: RAI 3
Eye Contact: RAI 1
Inhalation/Ingestion: RAI 2 (Have no harmful effect in normal temperature and atmospheric pressure).

First-Aid Measures

Skin Contact: Directly contact to the skin! Remove contaminated clothing/shoes. Rinse with water and wash thoroughly with soap. If irritations occur get medical attention promptly to prevent any serious injury.
Eye Contact: Immediately rinse with water for at least 15 minutes. If irritations occur, medical attention is required.
Ingestion: Do not induce Vomiting! In general, no treatment is necessary unless huge quantities of products are ingested, however medical advice is necessary.
Inhalation: Avoid unnecessary actions without the prior attention of the medical team or just simply remove the victim to open area and provide oxygen to avoid any Respiratory failure.

Fire Fighting Measures

Extinguishing Media: Dry chemical foam
Halogen chemical-carbon dioxide
Flash Point: 190^{O}C
Ignition Point: No information found.
Explosion: Not considered to be explosion hazard.
Smoke of Combustion: NO2, SO2, CO2, Oxidized Substance of CI
Reactivity with Water: Easily be soluble in water, Non reactivity.

Accidental Release Measures

Personal Precautions: Wear appropriate personal protective suites/equipment such as helmet with face shield, bunker coats, glove and rubber boots.

Environmental Precautions: Prevent entry into waterways, sewer, basements or confined areas.

Method for Cleaning Up: Isolated hazard area. Keep unnecessary and unprotected personnel from arriving. Recover the liquid if possible. Use non sparkling tools and equipment's. Do not use combustible materials, such as sawdust.

Handling and Storage

Handling: Keep in tightly closed container

Storage: Do not store in open or unlabelled containers

Exposure Control/Personal Protection

Engineering Measures: The level of protection and types of controls necessary will vary depending upon potential exposure conditions.

Control Measure to Consider

No special requirements under ordinary conditions of use and with adequate ventilation (local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area). Please refer to the ACGIH document, Industrial Ventilation, Manual of Recommended Practices most recent edition, for details.

Respirators: If the exposure limit is exceeded and engineering controls are not feasible, a half face piece particular respirator (NIOSH type p95 or R95 filters) may be worn for up to ten times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. A full-face piece particulate respirator (NIOSH type P100 or R100 filters) may be worn up to 50 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency, or respirator supplier, whichever is lowest. Please note that N filters are not recommended for this material. For emergencies or instances where the exposure levels are not known, use a full-face piece Positive-pressure, air-supplied respirator.

Eye Protection: Safety glasses with the side shields are fully recommended.

Personal Protective Equipment: Vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation.

Physical and Chemical Properties

Actual	1:10	1:15	1:20	1:25	1:30	1:40
Ph	± 8.8	± 8.7	± 8.6	± 8.5	± 8.4	± 8.3
R.I	± 7.5	± 5.0	± 3.5	± 2.5	± 2.0	± 1.5
Flash Point	190 OC					
Appearance	Clear					
Density @,kg/li	0.9					
Color	Light Amber					
Water Solubility	Soluble					

Stability and Reactivity

Hazardous Reactions: Stable under normal temperature and pressure.

Stability: Stable under ordinary conditions of use and storage.

Hazardous Decompositions: Material does not decompose

Toxicology Information

Direct or prolonged skin contact with certain lubricating oils can cause mild skin irritation characterized by drying, crackling or oil acne. Injection under the skin cause a wound in muscle and run into the blood stream cause inflammation, swelling, fever, and systematic effects.

Eyes: May cause Transient irritation.

Chronic Toxic: No information found.

Ecological Information

Environmental Mobility: Low solubility and floats and is expected to migrate from water to the land. Expected to partition to sediment and wastewater solids.

Environmental Degradability: Expected to be persistent.

Eco-toxicity and bioaccumulation: It has a component that expected to be harmful to aquatic organism. Long term adverse effects to aquatic organisms are possible exposure is maintained.

Disposal Considerations

Product and Contaminated Packaging: Dispose of the Products in accordance with the Local and/or National Regulations.

Transport Information

Not regulated

Regulatory Information

Classification and Labelling Danger Symbol: None

Danger Label: None

Safety Phrases: None

Other Information

This MATERIAL SAFETY DATA SHEET deals with the health and safety information. The product should be used in applications specified in the product 's Technical Data Sheet. For any others uses, exposures should be assessed so that appropriate handling practices and training programs can be established to certify safe workplace operations.