

MATERIAL SAFETY DATA SHEET

KOOL KUT

1. Chemical Product and Company Identification

MANUFACTURER/SUPPLIER:	Emergency Spill Information:
Chem and Lube	610-798-9222
1901 South 12th Street	Other Product Information:
Allentown, PA 18103-4777	610-798-9222

2. Hazardous Ingredients

CHEMICAL NAME / COMMON NAME

	<u>TLV or PEL</u>
Petroleum distillates	5 mg/m ³
Diethanolamine*	2 mg/m ³

3. Physical Data

Appearance:	Amber liquid
Specific gravity:	1.01
Boiling point:	212° F (initial, approximate)
Volatile:	50 Max
Solubility in water:	Complete
pH @ 5%:	9.8
Evaporation rate:	Nil

4. Fire and Explosion

Flash point (C.O.C.):	N.A.
Flammable limits:	Unknown
Extinguishing media:	Dry chemical, foam, carbon dioxide.
Special fire fighting procedures:	NIOSH/MSHA approved, self contained, pressure demand respirator recommended.

Unusual fire and explosion hazards:	Products may be able to be ignited once most of the water is evaporated away and the temperature increases to greater than 300° F.
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5. Health Hazard Data

Threshold limit value:	Oil mist 5mg/m ³
Routes of entry:	Eye, skin, inhalation, ingestion.
Acute health hazards:	Eyes: Irritation. Skin: Irritation Inhalation: Excessive exposure to mist may irritate respiratory tract. Ingestion: May irritate gastrointestinal tract.
Chronic health hazards:	Prolonged continued skin contact may cause dermatitis, mist may irritate respiratory tract.
Medical conditions aggravated by exposure:	None listed.
First aid procedures:	
Eyes:	Flush eyes with copious amounts of water. If irritation persists, contact physician.
Skin:	Wash with soap and water.
Ingestion:	Consult physician. Do not induce vomiting without consulting physician due to danger of aspirating fluid into lungs.
Breathing:	Move to fresh air.
Carcinogenicity:	Components of this product are not listed as carcinogens by NTP, IARC Monographs or OSHA.

6.0 Reactivity Data

Stability:	Stable.
Hazardous Polymerization	Will not occur.
Incompatibility:	Avoid contact with strong oxidizers.
Hazardous Decomposition Products and Products of Combustion:	Oxides of carbon, nitrogen & smoke.

7. Spill or Leak Procedure

Steps to be taken in case of leak or spill:	Contain spill, stop source of leak, pump spilled material into salvage container, soak up remaining material with absorbant such as sand or clay. Prevent product from entering potable or natural water systems.
Waste disposal- method:	Dispose of in accordance with all applicable federal, state and local regulations.

8.0 Special Protection Information:

Eye Protection:	Splash protection
Protective Gloves:	Oil/Chemical resistant gloves to minimize skin contact.
Respiratory Protection:	NIOSH/MSHA approved respirator recommended if mist TLV is exceeded.
Ventilation:	Recommended to maintain mist below TLV limit.
Other Protection:	As necessary to prevent prolonged skin contact.

9. Special Precautions

Handling and Storage: Store away from direct heat source and strong oxidizing agents. Avoid prolonged and repeated skin contact. Launder contaminated clothing before reuse.

Other Precautions: Do not pressurize, cut, weld, braze, drill, grind, or beat empty containers as some flammable, hazardous or combustible residue may be present. Avoid breathing mist. For industrial use only.

10. Additional Information

TSCA: The components of this product are listed on the EPA / TSCA Chemical Substances Inventory.

HMIS Rating:

Health:	1
Flammability:	0
Reactivity:	0
Personal Protection:	B

*Subject to reporting under SARA 313 Title III

N.A. = Not Applicable
N.D. = Not Determined
N.L. = Not Listed

TLV = Threshold Limit Value (ACGIH)
PEL = Permissible Exposure Limit (OSHA)