

MATERIAL SAFETY DATA SHEET

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GENERAL INFORMATION # : 314-647-1888
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I-PRODUCT IDENTIFICATION

IMPACT LUBE

PRODUCT CODE: #140

CHEMICAL FORMULATION: HIGH IMPACT, NON-MELTING GREASE

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 0 FLAMMABILITY: 3 REACTIVITY: 1

HAZARD RATING: 4- Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - HAZARDOUS INGREDIENTS

Hazardous Components (Specific Chemical Identity; Common Name (s))	Other Limits	
	OSHA PEL	ACGIH TLV
PETROLEUM OIL MIXTURE	5mg/m ³ TWA for oil mist	5mg/m ³
ADDITIVES	Potential hazards have been evaluated & pertinent information has been included in section 3-7.	

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling Level STEL: Short Term Exposure Limit
N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No
302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).
355: SARA TITLE III/ List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).
372: SARA TITLE III/ List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - PHYSICAL DATA

BOILING POINT (°f): N/A	MELTING POINT: N/A
VAPOR PRESSURE (mm Hg.): N/A	SPECIFIC GRAVITY (WATER = 1): 0.8
VAPOR DENSITY (AIR = 1): 12	VOC CONTENT (% by weight):
SOLUBILITY IN WATER: NEGLIGIBLE	EVAPORATION RATE (Water = 1): N/A
	pH: N/A
APPEARANCE AND ODOR: DARK GREEN GEL, WITH OIL ODOR.	

IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (°F): 400°F. COC. (TEST METHOD):
FLAMMABLE LIMITS: UPPER: ND LOWER: ND
EXTINGUISHING MEDIA: DRY CHEMICAL (PREFERRED), CARBON DIOXIDE, FOAM, WATER.
SPECIAL FIRE FIGHTING PROCEDURES: USE WATER TO COOL FIRE-EXPOSED CONTAINERS, STRUCTURES AND TO PROTECT PERSONNEL. WATER OR FOAM MAY CAUSE FROTHING. FIREFIGHTERS MAY NEED TO WEAR POSITIVE APPLIED OR SELF-CONTAINED BREATHING APPARATUS.
UNUSUAL FIRE AND EXPLOSION HAZARD: EMPTY CONTAINERS MAY RETAIN PRODUCT RESIDUE INCLUDING FLAMMABLE OR EXPLOSIVE VAPORS. DO NOT CUT, DRILL, GRIND, OR WELD ON OR NEAR FULL, PART FULL OR EMPTY DRUM.

V - REACTIVITY DATA

STABILITY:	STABLE
INCOMPATIBILITY:	STRONG OXIDIZING AGENTS.
CONDITIONS TO AVOID:	NONE
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:	THERMALS UNIDENTIFIED ORGANICS. OXIDATIONS OXIDES OF CARBON.
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR
CONDITIONS TO AVOID:	NONE

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VI - HEALTH AND HAZARD DATA

ROUTES OF ENTRY: INHALATION? N/A SKIN? N/A INGESTION? N/A EYES? N/A

HEALTH HAZARDS (ACUTE AND CHRONIC) - INHALATION: NOT EXPECTED TO BE A PROBLEM. MASSIVE EXPOSURE TO VAPORS OR FUMES MAY CAUSE HEADACHE, DIZZINESS AND/OR DROWSINESS. MAY CAUSE IRRITATION IN EYES. REPEATED OR PROLONGED CONTACT MAY CAUSE IRRITATION AND/OR DERMATITIS TO SKIN. INGESTION MAY CAUSE GASTROINTESTINAL DISTURBANCES NAUSEA, VOMITING, DIARRHEA.

CARCINOGENICITY? N/A NTP? N/A IARC MONOGRAPHS? N/A

OSHA REGULATED? N/A

EFFECTS OF OVEREXPOSURE

IF IN EYES: IRRITATION

IF ON SKIN: IRRITATION AND/OR DERMATITIS

IF SWALLOWED: GASTROINTESTINAL DISTURBANCES, NAUSEA, VOMITING, DIARRHEA

IF INHALED: HEADACHE, DIZZINESS AND/OR DROWSINESS.

EMERGENCY AND FIRST AID PROCEDURES

IF IN EYES: FLUSH WITH WATER AT LEAST 15 MIN. IF IRRITATION PERSISTS SEEK MEDICAL AID.

IF ON SKIN: WASH CONTACT AREA THOROUGHLY WITH SOAP AND WATER.

IF SWALLOWED: IF MORE THAN 1/2 PINT INGESTED, SEEK MED. AID.

IMMEDIATE EMERGENCY MEDICAL ATTENTION.

IF INHALED: MOVE FROM SOURCE OF VAPOR FUMES.

VII - SPILL AND LEAK PROTECTION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: ABSORB ON FIRE RESISTANT ABSORBENT. PLACE IN PROPERLY LABELED NON-LEAKING CONTAINERS FOR PROPER DISPOSAL.

WASTE DISPOSAL METHOD: DISPOSE OF AT AN APPROPRIATE WASTE DISPOSAL FACILITY IN ACCORDANCE WITH CURRENT LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS.

VIII - SPECIAL PROTECTION INFORMATION

VENTILATION: Local Exhaust: ADEQUATE AT AMBIENT TEMP.

Mechanical (General): N/A Special: N/A OTHER: N/A

RESPIRATORY PROTECTION: NOT USUALLY NECESSARY. USE WITH ADEQUATE VENTILATION. IF PELs OR TLVs ARE EXCEEDED (SEE SECTION II), USE AN APPROVED NIOSH/MSHA RESPIRATOR.

PROTECTIVE GLOVES: N/A

EYE PROTECTION: N/A

OTHER PROTECTIVE EQUIPMENT: OIL RESISTANT APRON TO PREVENT CLOTHING CONTAMINATION.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP AWAY FROM FLAMES, SPARKS, OR HOT SURFACES. SEE ALSO SECTION 3. KEEP CONTAINERS CLOSED. SHELF LIFE 1 YEAR.

OTHER PRECAUTIONS: DO NOT WEAR CONTAMINATED CLOTHING. WASH SKIN THOROUGHLY AFTER HANDLING. CLEAN EMPTY CONTAINERS PROPERLY.

WORK/HYGIENIC PRACTICES - DO NOT WEAR OIL SOAKED CLOTHING. WASH AFTER HANDLING.

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