

DUAL PURPOSE VACUUM PUMP OIL (revised Sept 2004)

Material Safety Data Sheet

SECTION I - COMPANY IDENTIFICATION

PRODUCT: DUAL PURPOSE VACUUM PUMP OIL

CAT. NO.: L339, L340, L341, L342, L343

PACKED & DISTRIBUTED BY:

TELEPHONE NUMBERS:

Virginia KMP Corporation

Office: 1-(214) 330-7731

4100 Platinum Way

Emergency Only: 1-(800) 375-2347

Dallas, Texas 75237

SECTION II - HAZARDOUS INGREDIENTS

OSHA Hazardous Components (29 CFR 1910.1200)

EXPOSURE LIMITS: 8 HR. TWA

Severely Solvent refined heavy paraffinic petroleum oil (CAS# 64741-88-4)

OSHA PEL

ACGIH TLV

Proprietary Additives

* 5 mg/m³

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* Oil Mist limit

SECTION III - HAZARDS IDENTIFICATIONS

EMERGENCY OVERVIEW: Poses little or no immediate hazard.

POTENTIAL HEALTH EFFECTS: The following diseases or disorders may be aggravated by exposure to this product: Skin.

INHALATION: No acute effects expected.

EYE CONTACT: No eye effect expected.

SKIN CONTACT: Practically non-toxic if absorbed through the skin. May cause minimal skin irritation.

INGESTION: Practically non-toxic if ingested.

CHRONIC Effects: None established.

NOTE:

CARCINOGENICITY: LISTED IN NTP? No

IARC? No

OSHA Regulated? No

SECTION IV - FIRST AID MEASURES

INHALATION: No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

EYE CONTACT: Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. If eye irritation persists, obtain medical treatment.

SKIN CONTACT: Wash with soap and water. Get medical attention if irritation develops or persists. Wash clothing before reuse.

INGESTION: Material is practically non-toxic. Induction of vomiting is not required. Get medical attention immediately.

SECTION V - FIRE FIGHTING MEASURES

FLASHPOINT (TEST METHOD): 465 F COC

FLAMMABLE LIMITS: LOWER: ND

UPPER: ND

AUTOIGNITION TEMPERATURE: 725 F estimated

GENERAL HAZARD: ND

FIRE FIGHTING INSTRUCTIONS: Wear structural fire fighting gear. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

EXTINGUISHING MEDIA: Water spray. Regular foam. Dry chemical. Carbon dioxide.

HAZARDOUS COMBUSTION PRODUCTS: Combustion may produce carbon monoxide, carbon dioxide and other asphyxiants.

SECTION VI - ACCIDENTAL RELEASE MEASURES

LAND SPILL: Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Use appropriate personal protective equipment as stated in Section VIII of this MSDS. Advise the EPA and the appropriate state agencies, if required. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Vacuum or sweep up material and place in a disposal container.

WATER SPILL: Clean up leaks/spills immediately to prevent soil or water contamination.

SECTION VII - HANDLING AND STORAGE

HANDLING: Wash thoroughly after handling.

STORAGE: NFPA class IIIB storage. Flash point is greater than 200 degrees F.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

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ENGINEERING CONTROLS: Use with adequate ventilation. Ventilation is normally required when handling or using this product to keep exposure to airborne contaminants below the exposure limit. Mechanical ventilation recommended.

PERSONAL PROTECTION: Respiratory protection and chemical gloves not needed under proper conditions of use unless product is heated. Recommend chemical goggles and wear boots, protective gloves (neoprene, nitrile, viton), aprons, drench showers, eye wash as needed for protection against spills and/or splashes. Respiratory protection is not usually needed unless heated or misted. Half-mask air purifying respirator with dust/mist filters or HEPA filter cartridges is acceptable for exposures to (10) times the exposure limit. Full-face air purifying respirator with dust/mist filters or HEPA filter cartridges is acceptable for exposures to (50) times the exposure limit. If greater than (50) times exposure limit use positive pressure demand full face supplied air respirator or SCBA. Where splashing is possible, full chemically resistant protective clothing and boots are required which are composed of Polyvinyl alcohol(PVA), neoprene, nitrile, viton and polyurethane.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE: < 0.0001 mmHg @20 C

SPECIFIC GRAVITY (H₂O=1): 0.87

SOLUBILITY IN WATER: negligible

pH: ND

BOILING POINT: ND

APPEARANCE & ODOR: Amber liquid, little odor.

VAPOR DENSITY (Air=1): ND

EVAPORATION RATE (BuAc=1): ND

VOC: ND

FREEZING POINT: ND

SECTION X - STABILITY AND REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID: Avoid heat, sparks and open flame.

MATERIALS TO AVOID: Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion may produce carbon monoxide, carbon dioxide and other asphyxiants.

HAZARDOUS POLYMERIZATION: Will not polymerize...

SECTION XI - TOXICOLOGICAL INFORMATION

No data available.

SECTION XII - ECOLOGICAL INFORMATION

No data available.

SECTION XIII - DISPOSAL CONSIDERATIONS

Follow federal, state, and local regulations. This material is not a RCRA hazardous waste, if not contaminated. If material has been "used" then RCRA criteria (ignitability, reactivity, corrosivity and toxicity) must be determined. DO NOT flush material to drain or storm sewer. Contract to authorized disposal service.

SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Not regulated.

HAZARD CLASS: NA

IDENTIFICATION NUMBER: NA

DOT Emergency Guide #: NA

Reportable Quantity (RQ): NA

International: NA

SECTION XV - REGULATORY INFORMATION

TSCA (Toxic Substance Control Act): No listed.

CERCLA (Comprehensive Environmental Response, Compensation and Liability Act): Not listed.

SARA TITLE III (Superfund Amendments and Reauthorization Act): Section 311 & 313: Not listed.

CALIFORNIA PROPOSITION 65: No data.

SECTION XVI - OTHER INFORMATION

State Right-to-Know Programs: Not listed.

NFPA Ratings

Health: 0

Prepared by: Virginia KMP Corporation

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Flammability: 1
Reactivity: 0 HMIS Protective Equipment: X See your supervisor

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