MATERIAL SAFETY DATA SHEET

PRODUCT NAME: H-D Plus® Ultra-Gard Vacuum Pump Oil
IDENTIFICATION NUMBER: PP310, PP370, P10

Supplier Information:
Moraine Liquid Technologies, Ltd
1212 W. Second Street
Oconomowoc, WI 53066

Manufacturers Information:
Moraine Liquid Technologies, Ltd
1212 W. Second Street
Oconomowoc, WI 53066

Emergency Telephone: 1 800 851 0403

Prepared by: Steve Zimmerman  Phone: 262 367 7523  Prepare Date: 8/16/2001

NFPA CODE: HEALTH: 0  FIRE: 1  REACTIVITY: 0

CHEMICAL IDENTITY: Petroleum Lubricating Mineral Oil
CAS #64742-65-0 - Range: % 95-99.00

SECTION 1 -- HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS: This material does not contain any chemical listed as a carcinogen or potential carcinogen by OSHA, IARC Monographs or National Toxicology Program.

SECTION 2 -- FIRE AND EXPLOSION HAZARDS

FLASH POINT: 415°-435° F
LOWER FLAMMABLE LIMIT: Not Determined
UPPER FLAMMABLE LIMIT: Not Determined

EXTINGUISHING MEDIA: CO2, Dry Chemical, Foam, Water spray; Water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus with a full face piece.

UNUSUAL FIRE & EXPLOSION HAZARDS: None.

SECTION 3 -- HEALTH HAZARD DATA

ORAL TOXICITY: Greater than 5000 mg/kg in rats. Based on data from components.

EYE IRRITATION: Not expected to cause eye irritation. Based on data from components.

SKIN IRRITATION: Not expected to cause skin irritation. Based on data from components.

OTHER: Unknown.

TLV: None established. Oil mist = 5 mg/cu meter.

PRIMARY ROUTES OF ENTRY: Skin Contact, Skin absorption, Inhalation, Ingestion, Eye Contact.

Vacuum Pump Oil
**SECTION 3 – HEALTH HAZARD DATA**

**EMERGENCY FIRST AID PROCEDURES**

SKIN: Wash with soap and water.

EYES: Flush eyes with water for 15 minutes.

INHALATION: Remove to fresh air. See physician if irritation persists.

ORAL: Call a physician. Do NOT induce vomiting.

**SECTION 4 – SPECIAL PROTECTION INFORMATION**

VENTILATION PROCEDURE: Mechanical ventilation recommended.

EYE PROTECTION: Safety glasses.

GLOVES PROTECTION: Neoprene or nitrile rubber gloves recommended.

**SECTION 5 – PHYSICAL DATA**

VAPOR PRESSURE: < 0.1mm Hg @ 20 degrees C
SPECIFIC GRAVITY: 0.875 approx.
PERCENT VOLATILE: Not Determined
EVAPORATION RATE: Not Determined
APPEARANCE: Amber liquid
pH: Not Determined
WATER SOLUBILITY: Insoluble
VAPOR DENSITY: Not Determined
ODOR: Mild

**SECTION 6 – STABILITY**

STABILITY: Stable

INCOMPATIBILITY: Oxidizing agents.

POLYMERIZATION: Will not occur.

THERMAL DECOMPOSITION: Oxides of carbon.

**SECTION 7 – SPILL OR LEAK PROCEDURES**

SPILL PROCEDURES: Prevent entry into sewers and waterways. Pick up free liquid for recycle/disposal. Absorb small amounts of inert material for disposal.

WASTE DISPOSAL: If disposed of, this material is believed to be non-hazardous. Disposal should be in compliance with federal, state, and local laws.

Vacuum Pump Oil
SECTION 8 -- SPECIAL PRECAUTIONS

SPECIAL PRECAUTIONS: Remove contaminated clothing and launder before use.

SECTION 9 -- TRANSPORTATION AND LABELING

DOT PROPER SHIPPING NAME: N.A.
DOT ID NUMBER: None
EPA HAZARDOUS SUBSTANCES: None
PRECAUTIONARY LABELS: None
DOT HAZARD CLASS: N.A.
IMO CLASS: None
ICAO CLASS: None

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