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MATERIAL SAFETY DATA SHEET

PRODUCT NAME: H-D Plus® AW Hydraulic Oil ISO 22, 32, 46, 68, 100, 150, 220, 300

SUPPLIER INFORMATION:

Liqua-Tek, Inc.
1212 W. Second St.
Oconomowoc, WI 53066

MANUFACTURER INFORMATION:

Liqua-Tek, Inc.
1212 W. Second St.
Oconomowoc, WI 53066

EMERGENCY TELEPHONE: 1-800-851-0403 Moraine Packaging, Inc.

PREPARER: Steven Zimmerman PHONE: (262) 567-5096 PREPARE DATE: 7/15/98

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

CHEMICAL IDENTITY: Petroleum Lubricating Mineral Oil CAS #64742650 - 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: 385-460 F

LOWER & UPPER FLAMMABLE LIMIT: ND

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

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.

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

****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: N.D.
SPECIFIC GRAVITY: .875 approx.
PERCENT VOLATILE: N.D.
EVAPORATION RATE: N.D.
APPEARANCE: Amber liquid
pH: N.D.
WATER SOLUBILITY: Insoluble
VAPOR DENSITY: N.D.
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.

SECTION 8 -- 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

SECTION 9 -- SPECIAL PRECAUTIONS

SPECIAL PRECAUTIONS: Remove contaminated clothing and laundry before use.

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