

MATERIAL SAFETY DATA SHEET

Curtis/GlenChem Corp.

Eddystone Industrial Park
2000 Industrial Highway
Eddystone, PA 19022-1513

Product: **AW 32 HO, AW 46 HO,
AW 68 HO, AW 100 HO**

Daytime Telephone: (610) 876-9906
24 Hour Emergency: CHEMTREC® (800) 424-9300

MSDS No.: LAWxxHO - Rev. 1.0 Date: 05/01
Replaces – None
Reason – Original MSDS

-- SECTION 01 - IDENTIFICATION AND INFORMATION --

Product or Trade Name: AW 32, 46, 68, 100 HO
Chemical Name/Synonym: PROPRIETARY BLEND
Chemical Family: PETROLEUM HYDROCARBON
Formula: PROPRIETARY
Product Code: LAW32 (46, 68, 100)

HMIS
Hazard Rating: Legend:
Health: 0 0 - Least
Fire: 1 1 - Slight
Reactivity: 0 2 - Moderate
3 - High
4 - Extreme

Product Description: Series of petroleum based industrial hydraulic oils of varying viscosities, with anti-wear properties.

-- SECTION 02 - PHYSICAL DATA --

Boiling Point: Not Tested Solubility in Water: Negligible
Vapor Pressure: N/A Specific Gravity: 0.87 @ 15.6°C (H₂O=1)
Vapor Density: <0.1 (AIR=1) % Volatile by Volume: Nil
Appearance: Clear amber, oily liquid Odor: Petroleum
pH: N/A pH working solutions: N/A

-- SECTION 03 - HAZARDOUS COMPONENTS --

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>% Range</u>	<u>OSHA PEL **</u>	<u>ACGIH TLV **</u>
Severely solvent refined light paraffinic distillate	64741-89-5	99	5 mg/m ³ ; 8 hr TWA	5 mg/m ³ ; 8 hr TWA
Proprietary Additives	None (mixture)	1	-----	-----

** EXPOSURE LIMITS are for oil mist if generated. STEL 10 mg/m³

-- SECTION 04 - FIRE AND EXPLOSION HAZARD DATA --

Flash Point: 396°F (202°C) Cleveland Open Cup
Flammable Limits: Not Established
Autoignition Temp: Not Determined
Extinguishing Media: Small Fire: CO₂, water fog, dry chemical; Large Fire: Alcohol-type or all-purpose-type foam.
Special Fire Fighting Procedures: Use self-contained breathing apparatus; water may be used to cool adjacent containers.

-- SECTION 05 - REACTIVITY DATA --

Stability: Stable under normal temperatures and pressures.
Incompatibility: Strong oxidizers.
Hazardous Decomposition Products: CO₂ - Carbon monoxide may form upon thermal degradation and incomplete combustion.
Hazardous Polymerization: Will not occur.

-- SECTION 06 - SPILL, LEAK, AND DISPOSAL PROCEDURES --

Small Spills: Absorb with sand or inert material; scoop up and dispose to proper container.
Large Spills: Prevent spread of spill by dyking. Salvage uncontaminated material if possible. Absorb remainder of spill with inert material; scoop up and dispose to proper container.

This product may be disposed of as an industrial waste in a manner acceptable to good waste management practice and in compliance with applicable law. ALWAYS DISPOSE OF MATERIAL IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL CODES FOR THAT SPECIFIC TYPE OF MATERIAL.

-- SECTION 07 - HEALTH HAZARD DATA --

EYE CONTACT: May cause minor irritation.
SKIN CONTACT: Prolonged contact may cause dryness and dry skin dermatitis irritation.
INHALATION: Vapor pressure is low. Vapor inhalation under ambient conditions is normally not considered hazardous, but inhalation of oil mist or vapors at elevated temperatures may cause respiratory irritation..
INGESTION: Not expected to be acutely toxic.
EFFECTS OF OVEREXPOSURE: None currently known.
IARC and NTP NONE of the ingredients in this product are listed by the NTP, IARC, or OSHA as possible carcinogens.

-- SECTION 08 - FIRST AID --

EYES: Flush with water for a minimum of 15 minutes (industry safety standard for all materials). Seek medical attention if irritation persists.
SKIN: Flush with water; wash with soap and water after handling. Remove contaminated clothing and launder prior to reuse.
INHALATION: Remove to fresh air. If not breathing, administer artificial respiration, mouth to mouth. If breathing is labored, administer oxygen. Get medical attention.
INGESTION: DO NOT INDUCE VOMITING – Not expected to be acutely toxic. Seek medical attention for observation. Never give anything by mouth to an unconscious person.

-- SECTION 09 - SPECIAL HANDLING INFORMATION --

VENTILATION: None normally required; product normally does not produce vapors or mist.
RESPIRATORY PROTECTION: None normally required; NIOSH approved respirator for mist conditions.
PROTECTIVE CLOTHING: Chemical resistant gloves with long sleeves when mixing or handling.
EYE PROTECTION: Safety glasses with side shields, or chemical workers goggles.

-- SECTION 10 - REGULATORY AND ADDITIONAL INFORMATION --

HANDLING AND STORAGE: Do not breathe vapors or mist. Do not allow contact with eyes, or leave in contact with skin for prolonged periods. Wash contaminated clothing prior to re-use. Do not allow contact with oxidizers. Empty Containers: Do not reuse empty containers for storage of foodstuffs or potable water. For returnable drums or drums set aside for reconditioner, empty drums as completely as possible and fit bungs tightly with undamaged closures. D.O.T. regulations forbid transportation of partially filled and unclosed containers.

D.O.T.: Shipping Classification: Petroleum Oil, Unregulated

TSCA - The ingredients in this material are listed on the TSCA Inventory.

SARA Title III Information (for Distillates, hydrotreated light paraffinic) as a component of this material): A) Sections 311/312 - No to all; B) Section 313 Not Listed; C) Section 302 - Not Listed as an Extremely Hazardous Substance.

CERCLA Information (for the Distillates, hydrotreated light paraffinic) component): Not Listed in Table 302.4 of 40 CFR Part 302 as a hazardous substance with NRC RQ's.

Abbreviations Used in this Material Safety Data Sheet: < = Less Than; > = Greater Than; N/A = Not Applicable; N/E = Not Established; N/L = Not Listed; N/D = Not Determined; TWA = Time Weighted Average; STEL = Short Term Exposure Limit; PEL = Permissible Exposure Limit; NIOSH = National Institute of Occupational Safety & Health; OSHA = Occupational Safety & Health Administration; ACGIH = American Conference of Government and Industrial Hygienists; NTP = National Toxicology Program; IARC = International Agency for the Registration of Carcinogens; TSCA = Toxic Substance Control Act; SARA = Superfund Amendment Reauthorization Act; RQs = Reportable Quantities; CERCLA = Comprehensive Environmental Response Compensation and Liability Act; NRC = National Response Center; RCRA = Resource Recovery and Conservation Act.

The information herein is given in good faith, but no warranty, express or implied, is made.