

SDS: AW 32 PREMIUM HYDRAULIC FLUID

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

EMERGENCY TELEPHONE NUMBERS:
Chemtrec (800) 424-9300 After Business Hours
Date Prepared: 11-13

SECTION 2 – HAZARDS IDENTIFICATION

ROUTE(S) OF ENTRY: Primarily by the way of eyes of skin.

HEALTH HAZARDS (ACUTE AND CHRONIC):

EYES: Based on testing of similar materials, this substance is a mild to moderate eye irritant.

SKIN: Based on testing of similar materials, this substance is a moderate skin irritant.

INHALATION: Based on testing of similar materials, at ambient temperatures, this product is not considered to be a toxic inhalation hazard. However, at elevated temperatures (60°C/140°F) trace amounts of hydrogen sulfide (H₂S) may be evolved. INDications of overexposure to hydrogen sulfide include respiratory tract irritation, headache, dizziness, coughing, bronchial irritation and dryness and, in sufficient quantities, unconsciousness. For hydrogen sulfide, OSHA STEL is 15 ppm, IDLH is 300 ppm and ACGIH is 10ppm.

INGESTION: Based on testing of similar materials, this substance is slightly toxic to internal organs if swallowed. The degree of injury will depend on the amount absorbed from the gut.

SIGNS OF OVEREXPOSURE: Respiratory irritation, dizziness, nausea, loss of consciousness

OTHER HEALTH WARNINGS: None noted

SECTION 3 – COMPOSTION / INFORMATION ON INGREDIENTS

CAS NUMBER	HAZARDOUS COMPONENT	NTP	IARC	SUB	SARA PART 313 Z	OSHA 313	ACGIH PEL	OTHER TLV	PERCENT LIMITS
68649-42-3	Zinc alkyl dithiophosphate	N	N	N	Y	N/D	N/D		50-60
64742-54-7	Distillates (petroleum) hydrotreated heavy paraffinic	N	N	N	N	N/D	N/D		15-20
28016-00-4	Zinc alkyl sulfonate	N	N	N	Y	N/D	N/D		1-2

SECTION 4 – FIRST AID MEASURES

EYE CONTACT: Remove contact lenses immediately. Wash with copious amounts of water for at least 15 minutes. Do not rub eyes. Seek medical attention if irritation persists.

SKIN CONTACT: Remove material from skin by patting or blotting with a clean cloth. Wash exposed areas with soap and water for at least 15 minutes. Seek medical attention if irritation persists. Do not reuse clothing soaked with this product until laundered. Discard all leather articles which have been soaked with this product.

INHALATION: If symptoms of hydrogen sulfide exposure, as indicated above, are displayed, remove individual to fresh air and administer oxygen, if properly trained. Seek immediate medical attention.

The data on this SDS relates only to the specific material described and does not relate to its use in combination with other materials or in any process.

SDS: AW 32 PREMIUM HYDRAULIC FLUID

INGESTION: Do not induce vomiting. If vomiting occurs spontaneously, keep head below the hips to prevent aspiration of material into the lungs. If the individual is unconscious, monitor pulse and breathing. If breathing stops, administer artificial respiration immediately. Never administer anything by mouth to an unconscious or convulsing person. Seek medical attention immediately.

SECTION 5 – FIRE-FIGHTING MEASURES

FLASH POINT: 110°C PMCC

FLAMMABLE LIMITS: N/D

LEL: N/D

UEL: N/D

EXTINGUISHING MEDIA: Dry chemical, foam, carbon dioxide. Water fogs should be used to cool containers exposed to extreme heat

SPECIAL FIRE FIGHTING PROCEDURES: If safe, stop flow at source. Remove all individuals from area who are not properly trained in fire fighting. The toxic characteristics of ignition by-products require the use of full bunker gear (including SCBA apparatus) when fighting a fire involving this product.

UNUSUAL FIRE FIGHTING PROCEDURES: None noted.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

FOR LARGE SPILLS: Stop leak at source if safe to do so. Dike and contain material. Remove all individuals from area who have not been properly trained in emergency medical response. Transfer materials into salvage vessels for disposal. Residual material may be picked up with flame retardant treated absorbents such as diatomaceous earth. Any water used in washing down the spill area must be disposed of, along with other material, according to all applicable regulations.

FOR SMALL SPILLS: Pick up flame retardant treated absorbent and dispose of according to all applicable regulations.

This product may be classified as an oil under section III of the Clean Water Act. Spills entering surface waters or any water courses or sewers entering surface waters that cause a sheen, must be reported to the Coast Guard toll free number (800) 424-8802. In case of accident or road spill, notify Chemtree. (800)424-9300.

SECTION 7 – HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep this product away from open flames and sources of heat. Trace amounts of hydrogen sulfide may be present. Keep face clear of tank or tank car openings. Store in a cool (<60°C) area.

OTHER PRECAUTIONS: None noted.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION REQUIREMENTS: Ventilation should be designed in accordance with good engineering practices

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION: Keep this product away from open flames and sources of heat. Trace amounts of hydrogen sulfide may be present. Keep face clear of tank or tank car openings. Store in a cool (<60°C) area.

The data on this SDS relates only to the specific material described and does not relate to its use in combination with other materials or in any process.

SDS: AW 32 PREMIUM HYDRAULIC FLUID

EYE PROTECTION: Splashproof goggles or face shield (ANSI Z87.1 or approved equivalent).

DERMAL PROTECTION: Protect all exposed skin from contact. Use gloves or neoprene or other chemically inert material. Use chemically resistant apron or other chemically impervious clothing to avoid prolonged or repeated skin contact.

OTHER: Eyewash and safety showers should be available in areas where this product is handled.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

SOLUBILITY IN WATER:	Negligible	SPECIFIC GRAVITY (H2O =1)	1.06
APPEARANCE AND ODOR:	Amber liquid with an alcohol-like odor		
OTHER INFORMATION:			

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Combustion gases may contain CO, CO₂, oxides of sulfur and phosphorous and, depending upon the conditions, hydrogen sulfide.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY:

MATERIALS TO AVOID: Avoid contact with strong acids and strong oxidizing agents.

SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE EYE EFFECTS: Mild to moderate eye irritant

ACUTE DERMAL EFFECTS: Moderate skin irritant (Rabbit), Index 4.58.

ACUTE INHALATION EFFECTS: N/D

ACUTE ORAL EFFECTS: N/D

SECTION 12 – ECOLOGICAL INFORMATION

No information available

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: If reclamation is not possible, dispose of material in accordance with all federal, state and local regulations.

SECTION 14 – TRANSPORT INFORMATION

DOT TRANSPORTATION DATA:

PROPER SHIPPING NAME: Not regulated

HAZARD CLASS: Not regulated

IDENTIFICATION NUMBER: Not regulated

PARKING GROUP:

The data on this SDS relates only to the specific material described and does not relate to its use in combination with other materials or in any process.

SDS: AW 32 PREMIUM HYDRAULIC FLUID

SECTION 15 – REGULATORY INFORMATION

CERCLA REPORTABLE QUANTITY: Not reported under 40 CFR Part 302.4

RCRA STATUS: Not subject to the 40 CFR Part 268.30 land ban on the disposal of certain hazardous wastes.

SARA TITLE III STATUS:

SECTION 311/312: Immediate (acute) health effects.

SECTION 313: 50-60% zing compound; contains 4 to 5% Zn; contains <1%Mg.

This product is listed in the following inventories: TSCA, MITI, EINECS/ELINCS, DSL, KECL, PICCS, AICS and CHINA

CANADIAN WHMIS CLASSIFICATION: D2B

The data on this SDS relates only to the specific material described and does not relate to its use in combination with other materials or in any process.