

Safety Data Sheet

Product: ZXP 6000 Hydraulic AW Oil

Section 1: Identification

Product Identifier:	ZXP 6000 Hydraulic AW Oil	
SDS Number:		
Grades:		
Product description:	Petroleum oil, lube oil, lubricant hydraulic fluid	
Emergency Health and Safety Number:	FOR TRANSPORT EMERGENCY call CHEMTREC: (+1) 703-527-3887 (outside the U.S.), 1-800-424-9300 (in the U.S.)	
Manufacturer:	SDS Information:	Customer Service:
ZXP Technologies 409 E Wallisville Rd. Highlands, TX 77562	Phone: 281-426-8800 Email: techservices@zxptech.com	281-426-8800

Section 2: Hazards Identification

Classified Hazards	Hazard(s) Not Otherwise Classified
This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.	Repeated exposure may cause skin dryness or cracking

Label Elements

No classified hazards

Section 3: Composition / Information on Ingredients

Component	CAS	Concentration ¹
<i>This product does not contain ingredients that are hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)</i>		

Section 4: First Aid Measures

Eye Contact: Check for and remove any contact lenses. Flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Get medical attention if irritation develops.

Skin Contact: In case of contact, flush skin with plenty of soap and water while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops.

Inhalation (Breathing): Move exposed person to fresh air. Get medical attention if irritation develops.

Ingestion (Swallowing): First aid is normally not required. Get medical attention if discomfort develops.

Note to Physicians: No specific treatment. Treat symptomatically. Contact poison treatment specialist if large quantities have been ingested or inhaled

Section 5: Fire-Fighting Measures

NFPA 704 Hazard Class

Health: 0 Flammability: 1 Instability: 0

HMIS Ratings

Health: 0 Fire: 1 Physical Hazards: 0

0 (Minimal)
1 (Slight)
2 (Moderate)
3 (Serious)
4 (Severe)

Suitable Extinguishing Media: Use dry chemical, CO₂, water spray (FOG) or foam

Unsuitable Extinguishing Media: Avoid solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical: Elevated temperatures can lead to formation of irritating vapors. Decomposing products may include the following materials: Carbon dioxide and Carbon monoxide.

Protective Equipment and Precautions for Firefighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6: Accidental Release Measures

Personal Precautions: Put on appropriate personal protective equipment.

Environmental Precautions: Prevent product from entering drains. Prevent entry into waterways, sewers, basements or confined areas.

Methods for Containment: Stop leak if without risk

Methods for Cleanup: Cover liquid spill with sand, earth or other noncombustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Pick up and transfer to properly labeled container.

Section 7: Handling and Storage

Handling Procedures: Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist.

Shipping and Storing Procedures: Keep container tightly closed in a dry place. Keep away from heat. Protect from light. Keep in properly labeled containers. Keep out of the reach of children.

Incompatibilities: Oxidizing Agents.

Section 8: Exposure Controls / Personal Protection

Component Exposure Limits: When mists/aerosols can occur the following are recommended: 5 mg/m³ – ACGIH TLV (inhalable fraction), 5 mg/m³ – OSHA PEL.

*Product has 0 kPa pressure at 68F and is not expected to present any inhalation hazard at ambient conditions. Caution should be taken to prevent aerosolization or misting of this product. Oil mist, if generated, is considered hazardous according to the OSHA Hazard Communication Standard.

Engineering controls: Material should be handled in enclosed vessels and equipment only if aerosolized and/or misted. Use only in adequate ventilation if this occurs. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

General Hygiene: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing.

Eye/face Protection: Safety glasses

Skin protection: Normal work gloves are appropriate

Respiratory protection: No special requirements under ordinary conditions of use and with adequate ventilation.

Section 9: Physical and Chemical Properties

Appearance: Orange

Physical Form: Liquid

Odor: Mild

Odor Threshold: Not available

pH: Not available

Melting Point: Not available

Boiling Point/Boiling Range: Not available

Flashpoint: 400 F

Burning time: Not available

Burning rate: Not available

Evaporation rate: Not available

Lower explosion limit: Not available

Upper explosion limit: Not available

Vapor pressure: 0 kPa at 20C

Vapor density: Not available

Water solubility: No

Density: 7.3 lb/us gal

Partition coefficient (n-octanol/water): Not available

Viscosity: 52 mm²/s @ 40C

Auto-ignition temperature: Not available

Decomposition temperature: Not available

Specific Gravity: Not available

Section 10: Stability and Reactivity

Reactivity: Polymerization with not occur

Chemical stability: Stable under normal conditions

Hazardous reactions: None, under normal conditions

Conditions to avoid: High temperatures

Incompatibility: Strong acids and oxidizing materials

Hazardous decomposition products: Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.

Section 11: Toxicological Information

Acute Exposure

Respiratory Irritation: Not expected to pose respiratory irritation. An inhalation hazard may only arise if product is aerosolized or if heated up. If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and upper respiratory tract. Based on data from similar materials.

Eye Irritation: Not expected to cause irritation under normal use.

Skin Irritation: Not expected to cause irritation under normal use.

Sensitization: Not expected to cause irritation under normal use.

Aspiration Hazards: Not expected to cause irritation under normal use.

Chronic Exposure

Target Organ Effects: No data available to indicate product or components at greater than 1% are chronic health hazards.

Carcinogenicity: No data available to indicate product or any components present at greater than .1% are carcinogenic.

Mutagenicity: No data available to indicate product or any components present at greater than .1% are mutagenic or genotoxic.

Reproductive Toxicity: No data available to indicate product or any components contained at greater than .1% may cause birth defects.

Teratogenicity: No data available to indicate product or any components contained at greater than .1% may cause birth defects.

Component Analysis – LD50 / LC50

Inhalation LC50 Rat	>20 mg/L 4h
Oral LD50 Rat	>5000 mg/kg
Dermal LD50 Rabbit	>2000 mg/kg

Section 12: Ecological Information

GHS Classification:
No classified hazards

Component Analysis – Ecotoxicity – Aquatic Life

Duration/Test/Species	Concentration/Conditions
96 Hr LC50	Not available mg/L
Pimephales promelas	3.2 mg/L (semi-static)

Persistence and degradability: Not determined

Bioaccumulative potential: Not determined

Mobility in Soil: Not determined

Other Adverse Effects: Not determined

Section 13: Disposal Considerations

Disposal methods: The generation of waste should be avoided or minimized wherever possible. Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

Section 14: Transport Information

Emergency Response Guide Number	171	<i>North American Emergency Response Guide Book</i>
U.S. DOT Bulk: Not regulated		
U.S. DOT Non-Bulk: Not regulated		
IATA: Not regulated		
IMDG: Not regulated		

Section 15: Regulatory Information

SARA Extremely Hazardous Substances SARA 302/304

This product does not contain greater than 1% of any “extremely hazardous substances” listed pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 or Section 304 as identified in 40 CFR Part 355, Appendix A and B.

SARA Section 313

This product does not contain greater than 1.0% of the substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

SARA Section 311 & 312 Classification

Acute Health: No Chronic Health: No Fire: No Pressure: No Reactive: No

CERCLA

This product does not contain any “hazardous substances” listed under the Comprehensive Environmental Response, Compensation of Liability Act of 1980 (CERCLA) in 40 CFR Part 302, Table 302.4.

California Prop 65

This product is not routinely tested to determine chemical(s) known to the state of California to cause cancer and/or birth defects based on maximum impurity levels of components.

Global Chemical inventories

Inventory	
US TSCA	Listed
EU	Listed
Japan	Not available
Australia	Listed
New Zealand	Not available
Canada	Listed
Switzerland	Not available
Korea	Listed
Philippines	Listed
China	Listed
Taiwan	Not available

Section 16: Other Information

Date of Issue:	Previous Issue Date:	SDS Number:	Status:
1-22-2024	none		FINAL

Guide to Abbreviations:

ACGIH = American Conference of Governmental Industrial Hygienists; CASRN = Chemical Abstracts Service Registry Number; CEILING = Ceiling Limit (15 minutes); CERCLA = The Comprehensive Environmental Response, Compensation, and Liability Act; EPA = Environmental Protection Agency; GHS = Globally Harmonized System; IARC = International Agency for Research on Cancer; INSHT = National Institute for Health and Safety at Work; IOPC = International Oil Pollution Compensation; LEL = Lower Explosive Limit; NE = Not Established; NFPA = National Fire Protection Association; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration; PEL = Permissible Exposure Limit (OSHA); SARA = Superfund Amendments and Reauthorization Act; STEL = Short Term Exposure Limit (15 minutes); TLV = Threshold Limit Value (ACGIH); TWA = Time Weighted Average (8 hours); UEL = Upper Explosive Limit; WHMIS = Worker Hazardous Materials Information System (Canada)

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