

SAFETY DATA SHEET



Date issued : 10/03/2022
SDS number : 903

Twin AW Hydraulic Oil 32

1. Identification

Product identifier: Twin AW Hydraulic Oil 32
Relevant identified uses: Industrial lubricant

Manufacturer / Supplier

Twin Specialties Corp.
www.twinoils.com
1730 Walton Road, Suite 207
Blue Bell, PA 19422
Customer Service: (610) 834-7900
E-Mail: sales@gemini-twin.com

Emergency telephone number (24 hour)

For Hazardous Materials [or Dangerous Goods] Incident: Spill,
Leak, Exposure or Accident
Call Chemtrec Day or Night
Within USA and Canada: 1-800-424-9300
Outside USA and Canada: +1 703-527-3887 (collect calls
accepted)
CHEMTREC Customer Number (CCN) 11450

2. Hazard identification

Classification of the substance or mixture**Health hazards:**

Not classified.

Physical hazards:

Not classified.

Label elements**Hazard statement(s)**

H1: Not applicable.

Precautionary statement(s)**Supplemental label elements:**

P10: Not applicable.

Potential health effects

Eye: May cause mild eye irritation.

Skin: Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

Ingestion: Ingestion of this product is unlikely. However, if ingested the product may cause gastrointestinal discomfort and disturbances.

Inhalation: No adverse effects due to inhalation are expected.

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Distillates (petroleum), hydrotreated heavy paraffinic	70 - 100	64742-54-7

Comments:

As per paragraph (i) of 29 CFR 1910.1200, formulation is considered a trade secret and specific chemical identity and exact percentage (concentration) of composition may have been withheld. Specific chemical identity and exact percentage composition will be provided to health professionals, employees, or designated representatives in accordance with applicable provisions of paragraph (i).

4. First-aid measures

Eye: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

Skin: Wash with soap and water. Get medical attention if irritation develops or persists.

Ingestion: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

Inhalation: If mist or vapor of this product is inhaled, remove person immediately to fresh air. Seek medical attention if symptoms develop or persist.

5. Fire-fighting measures

General hazard: Keep away from spark, heat and open flames.

Suitable extinguishing media: Use alcohol foam, carbon dioxide, or water fog when fighting fires involving this material.

Hazardous combustion products: Oxides of carbon, sulfur and phosphorus may be produced.

Fire fighting equipment: Wear self-contained breathing apparatus and full protective clothing.

6. Accidental release measures

General procedures: Absorb spill with inert material. Collect material into appropriate container for disposal. Dispose of in accordance with Federal, State and local regulations.

Special protective equipment: Wear suitable protective clothing, gloves and eye/face protection. Prevent further leakage or spillage if safe to do so.

7. Handling and storage

Precautions for safe handling: Avoid contact with eyes and skin. Wash thoroughly after handling.

Conditions for safe storage: Keep container tightly closed and in a cool, well-ventilated place.

8. Exposure controls/personal protection**Exposure controls**

Chemical name	Control parameters		Occupational exposure limit values	
	Type	ppm	mg/m ³	
Distillates (petroleum), hydrotreated heavy paraffinic	OSHA PEL	TWA		5
	ACGIH TLV	TWA		5
		STEL		

Appropriate engineering controls: Provide local and general exhaust ventilation.

Individual protection measures, such as personal protective equipment

Eye / face protection: Safety glasses

Skin protection - hand protection: Chemical resistant protective gloves

Respiratory protection: If ventilation is not sufficient to prevent buildup of mists and vapors, wear appropriate NIOSH/MSHA respirator.

Occupational hygiene practices: Wash hands before breaks and at the end of work.

9. Physical and chemical properties

Appearance: Liquid

Color: Pale

Odor: Petroleum

Odor threshold: Not determined.

pH: NA = Not Applicable

Initial boiling point and boiling range: > (500°F)

Flash point: ~ (420°F) Cleveland Open Cup

Evaporation rate (n-butyl acetate = 1): < 1

Explosion limit / flammability limit notes: N/D

Vapor pressure: < 1 mm Hg

Relative vapor density: > 1 Air = 1

Relative density: 0.85

Solubility: Water insoluble

Decomposition temperature: Not determined.

Kinematic viscosity: ~ 33 cSt at 40°C

Pour point: ~ -37°C

10. Stability and reactivity

Reactivity: Nonreactive.

Chemical stability: Stable

Conditions to avoid: Oxidizing materials.

Possibility of hazardous reactions: No dangerous reactions known.

Hazardous decomposition products: No dangerous decomposition products known.

11. Toxicological information

Acute toxicity

Chemical name	LD ₅₀ (oral) mg/kg(rat)	LD ₅₀ (dermal) mg/kg(rabbit)	LC ₅₀ (inhalation) mg/l
Distillates (petroleum), hydrotreated heavy paraffinic	> 5 g/kg	> 2 g/kg	> 5 mg/L

Carcinogenicity

IARC: No components listed.

NTP: No components listed.

OSHA: No components listed.

General comments: Routes of exposure: skin, inhalation and eyes.

12. Ecological information

Other adverse effects: No data available.

13. Disposal considerations

Disposal methods: Dispose of in accordance with local, state and federal regulations.

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: Not regulated

15. Regulatory information

UNITED STATES

SARA Section 311/312 Hazard Categories

313 reportable ingredients: None above reporting de minimis.

EPCRA Section 302 Extremely Hazardous Substances

EPCRA Status: None above reporting de minimis.

TSCA (The Toxic Substances Control Act)

TSCA regulatory: All of the components in this product are either listed on or exempt from the Toxic Substance Control Act (TSCA) chemical substance inventory.

16. Other information

Date Prepared: 10/03/2022

HMIS rating

Health		1
Flammability		1
Physical hazard		0
Personal protection		B

Manufacturer disclaimer:

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