



Safety Data Sheet

Version : V.2.1.1
Revision date : 2023/10/16

Section 1 Product and Company Identification

Product Trade Name : HYDRAULIC OIL 46AW

Synonyms :

Manufactured/Supplied : RIH WANG INDUSTRIAL CO., LTD.

No. 50, Ln. 88, Zhongshan Rd., Luzhu Dist, Kaohsiung City , Taiwan (R.O.C.)

Telephone : +886-7-6075135

Section 2 Composition and Information on Ingredient

<u>Ingredient Name</u>	<u>CAS Number</u>	<u>Conc. (%)</u>
Mineral Oil	8042-47-5	≥ 99.0 %
Lubricant Additive	61789-86-4	≤ 1.0 %

Section 3 Hazards Identification

Inhalation : Mist or vapor may irritate respiratory tract.

Skin Contact : Can cause irritation

Eye Contact : Can cause irritation

Ingestion : Can cause irritation to mouth, throat, esophagus and stomach.

Section 4 First-Aid Measures

Skin Contact : Immediately wash contaminated skin with plenty of water. Remove contaminated clothing and footwear. Wash clothing before reuse. Discard footwear if it cannot be decontaminated. If irritation continues, seek medical attention.

Eye Contact : Flush eyes with plenty of water, holding lids apart to ensure flushing of entire surface to prevent or relieve irritation. If irritation persists, seek medical attention.

Ingestion : Never give anything by mouth to an unconscious person, obtain immediate medical attention. If vomiting occurs spontaneously, keep airway clear. If swallowed DO NOT INDUCE VOMITING, give large amounts of water. Seek immediate medical attention.

Inhalation : Remove person from contaminated area. If breathing has stopped, resuscitate and administer oxygen if available. Seek immediate medical attention.

Section 5 Fire Fighting Measures

Fire-fighting measures : Foam, Powder and CO₂ extinguisher.



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Special Fire-Fighting Procedures : Wear approved full protective clothing and self-contained breathing apparatus.

Unusual Fire-Fighting Hazards : Thermal decomposition may yield toxic sulfur, nitrogen and carbon oxides.

Extinguishing Media : This product is not combustible.

Section 6 Accidental Release Measures

Personal precautions : Avoid contact with skin, eyes and clothing. Wear protective equipment (see Section VIII). Do not breathe mist or vapors.

Environmental precautions : Don't let the area of leakage be expanded.

Methods for cleaning up : Contain spill and soak up in suitable absorbent. Shovel up into plastic lined steel containers and cover. Dispose of in accordance with Local regulations.

Section 7 Safe handling and storage measures

Handling : According to the refuse disposal ordinance disposal.

Storage :

1. Store in the appropriate container and do identification.
2. Put on the shade, drying and ventilate the good place, and avoid the high temperature.
3. Far away the alkalis and oxidant.
4. Custody Temperature : < 45°C

Section 8 Exposure Controls and Personal Protection

Respiratory Protection : Use approved respirator when air concentration is greater than the TLV or PEL. Use combination cartridge for organic vapors and acid mists. Local exhaust recommended.

Eye Protection : Chemical safety goggles recommended.

Skin and Body Protection : Chemically resistant coveralls, hat, and shoes or boots. Neoprene gloves or rubber gloves are required.

Section 9 Physical and Chemical Properties

Appearance :	Liquid
Color :	Light Yellow
Odor :	Some
Taste:	Not available
Viscosity @ 40°C :	41 - 50 cSt (mm ² /s)
Viscosity @ 100°C :	6 - 8 cSt (mm ² /s)



Viscosity index : ≥ 90
Flash Point : ≥ 200°C (Open cup)
Solubility: Insoluble in water
Water: ≤ 300 mg/L

Section 10 Stability and Reactivity

Stability : Stable under normal conditions. See incompatibility information.
Incompatibility (Materials to Avoid) : Oxidizing agent acids and acid salts.
Hazardous Decomposition Products : Toxic oxides of carbon, sulfur and nitrogen.
Hazardous Polymerization : Hazardous polymerization will not occur.
Conditions to Avoid : N/A

Section 11 Toxicology Information

Inhalation : Repeated or prolonged contact with oils may cause fibrotic nodules, lipoid pneumonia, and lipid granuloma.
Skin Contact : Repeated or prolonged contact may cause defatting of the skin which may result in dermatitis and effect as detailed in acute exposure.
Eye Contact : Repeated or prolonged contact with irritants may cause conjunctivitis.
Ingestion : No data available.

Section 12 Ecological Information

Ecological information on this product is not available.

Section 13 Waste Disposal Measures

For waste disposal of spent, spilled, or contaminated product. Dispose of in accordance with all applicable Local regulations.

Section 14 Transport Information

Please contact the Regulatory Affairs Department for shipping information.

UN No. : N/A
Hazard Classification : N/A
Hazard Labels : N/A

Section 15 Regulatory Information

1. All components comply with EINECS, TSCA, DSL, AICS, ECL and MITI.
2. EC dangerous substances/preparations classification: not regulated.



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Section 16

Other information

The data contained herein in good faith at customer's request without liability or legal responsibility for same whatsoever, and no warranty or guarantee, express or implied, is made with respect to such data. The data is offered by for your information and consideration. User assumes all responsibility and risk.