



SAFETY DATA SHEET

WHITE OIL

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product name: WHITE OIL

Recommended use: Chemical for industry

Manufacturer/Supplier: MODERN CHEMICAL CO.,LTD.
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2. HAZARDS IDENTIFICATION

Label elements

Pictogram



Signal word

Warning

Hazard statement(s):

- 1.) Harmful if swallowed
- 2.) Causes eye irritation.
- 3.) Causes mild skin irritation.

Precautionary statement(s):

- 1.) Wear protective gloves/clothing (as specified by the manufacturer/supplier)
- 2.) Wash hands thoroughly after handling.
- 3.) Avoid breathing fume/mist/vapors/spray.
- 4.) If on skin, wash with plenty of soap and water.



- 5.) Wash contaminated clothing before reuse.
- 6.) If in eyes, rinse cautiously and thoroughly with water for several minutes.
- 7.) If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing.
- 8.) Call a poison center or doctor/physician if you fell unwell.
- 9.) Store in sealed and labelled containers.
- 10.) Dispose of in a manner consistent with applicable regulation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonym: Paraffin oil, White mineral oil

Ingredients	% (w/w)	CAS NO.
WHITE OIL	100	64742-55-8

4. FIRST AID MEASURES

General advice:

No data available.

Inhalation:

Vapor inhalation under ambient condition is normally not a problem. Move person to fresh air immediately. If breathing has stopped, apply artificial respiration and administer oxygen if necessary.

Skin contact:

Remove and wash contaminated clothing and shoes. Wash exposed portions of the skin with soap and water. Prolonged or frequent skin contact may cause various skin disorders such as dermatitis, oil acne, skin redness.

Eye contact:

Flush eyes with large amounts of water for 15 minutes while holding eyelids open. Seek medical attention.

Ingestion:

Seek medical attention. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Use foam, dry chemical or carbon dioxide.

Unsuitable Extinguishing Media:

No data available.



Specific hazards arising from Chemicals:

Combustible material, low hazard. The product can form flammable mixture or can burn only on heating above the flash point. However, minor contamination by hydrocarbons of higher volatility may increase the hazard.

Special protective equipment for fire-fighters:

Do not enter confined fire space without protective equipment including NIOSH approved self-contained breathing apparatus. Use water only to cool fire exposed containers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: No data available.

Environmental precautions: Do not empty into drains. Take up with absorbent material, e.g. sawdust, sand. Fill materials taken up into disposable container.

Methods and materials for containment and cleaning up: Remove with vacuum trucks or by pumping into storage facilities. Soak up residue with absorbent such as vermiculite. Dispose of absorbent and contaminated soil in the same manner as the product. Flush areas into chemical sewer to remove residual. Provide adequate ventilation during clean-up.

7. HANDLING AND STORAGE

Precautions for safe handling & Product Transfer:

Provide suitable mechanical equipment for the safe handling of drums and heavy packages. Keep containers closed when not in use. Prevent small spillage and leakage to avoid slip hazard.

Conditions for safe storage & Unsuitable Materials:

Store in dry place at room temperature. The protective measures as usual in the mineral oil industry have to be observed. Adequate ventilation in working area may be necessary.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits: TWA 5 mg/m³

Appropriate Engineering Controls: Adequate ventilation in accordance with good engineering practice must be provided to keep any oil mist concentration below the PEL.

Individual Protection Measures

Respiratory protection: Not required under normal usage. If product is handled in such a way as to create a vapor or mist, a NIOSH approved respirator should be used to



prevent overexposure. In accordance with 29 CFR 1910.134, use either a full-face, atmosphere-supplying respirator or an air-purifying respirator for organic vapors.

Eye/face protection: Wear chemical goggles to prevent eye contact.

Skin protection: Use chemical-resistant gloves, if needed.

Hygiene measures: No data available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form, Color and Odor : liquid, colourless	Evaporation rate : N/A
Melting Point : N/A	Specific gravity : 0.8370 g/cm ³ at 15 °C
pH : N/A	Solubility in water : N/A
Boiling point: 200 - 580 °C	Viscosity : 13 - 16 cst at 40 °C
Vapour pressure : N/A	Vapour density : N/A
Lower explosive limits: N/A	Upper explosive limits: N/A
Auto-ignition temperature: N/A	Flash Point: >200 °C
Odour threshold: N/A	Flammability (solid, gas): 0.9-7.0%
Decomposition temperature: N/A	Solubility in other solvents: N/A
n-octanol/water partition coefficient (log P_{ow}): N/A	

10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal ambient.

Reactions: No data available.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: No data available.

Materials to avoid: Avoid contact with strong oxidants such as liquid chlorine and concentrated oxygen.

Hazardous decomposition products: Carbon monoxide, carbon dioxide, aldehydes & ketones, combustion products of nitrogen and sulfur.



11. TOXICOLOGICAL INFORMATION

Acute toxicity:	LD50 (Oral, rat): > 15000 mg/kg LD50 (Dermal, rabbit): > 5000 mg/kg
Sensitization:	No data available.
Chronic toxicity:	No data available.
Further toxicological information:	No data available.

12. ECOLOGICAL INFORMATION

Toxicity:

Toxicity to fish: No data available.

Toxicity to daphnia and other aquatic invertebrates: No data available.

Toxicity to algae: No data available.

Toxicity to bacteria: No data available.

Biodegradability Remarks: This product is expected to be resistant to biodegradation and to persist in the environment.

Bioaccumulative Potential: Will remain largely on the soil surface, on the water surface and in the water.

Mobility: No data available.

Affected in any other way: No data available.

13. DISPOSAL CONSIDERATIONS

Material Disposal: Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulation. Contact local environmental or health authorities approved disposal of the material. Waste materials should be dumped or buried in an approved industrial waste land-fill. Large quantities may be disposed of by incineration in a suitable combustion chamber.

Container Disposal: No data available.



14. TRANSPORT INFORMATION

ADR/RID

Not Determined.

IMDG

Not Determined.

IATA

Not Determined.

15. REGULATORY INFORMATION

Regulatory lists

- Stockholm convention on Persistent Organic Pollutants: N/A
- EU Regulations
 - Directive 67/548/EEC: Not Classified as hazardous
- US Regulations
 - OSHA (29 CFR 1910, 119): Not Classified as hazardous
 - CERCLA 103 (40CFR302.4): N/A
 - EPCRA302 (40CFR355.30): N/A
 - EPCRA304 (40CFR355.40): N/A
 - EPCRA313 (40CFR372.65): N/A
 - Rotterdam Convention Substances: N/A
 - Stockholm Convention Substances: N/A
 - Montreal Protocol on Ozone-Depleting Substances: N/A
- All the components of this material are listed on TSCA, DSL, ENICS, AICS, ENCS, PICCS, NOMs, NZIoC, SWISS, IECSC, ASIA-PAC and ECL.

16. OTHER INFORMATION

Modern Chemical Co.,Ltd. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.



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