

ADINATH CHEMICALS

Material Safety Data Sheet

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Manufacturers/Distributors Name/Address	Emergency/Info Phone No.	TREM Card Ref. No.
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HAZARD RATING:

4-Extreme
3-High
2-Moderate
1-Slight
0-Insignificant

Health	1
Flammability	1
Reactivity	0
Special	--

PRODUCT IDENTIFICATION:

Product or Trade Name	HWO	
Product Class	-----	
Product Code No.	Heavy White Oil	
Chemical Name	Mixture of highly purified petroleum oils.	
FEMA No.- -----	CAS No. 8042-47-5	Formula: Mix. of Hydrocarbons

PHYSICAL DATA:

Odour, Appearance, Physical State	Almost colorless, white liquid.
Pour Point	-15°C.
Melting Point	NA
Specific Gravity / Density@29.5°C	0.850 – 0.860
Solubility in Water	Insoluble
Vapour Pressure	N.A.
Vapour Density	N.A.

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FIRE, EXPLOSION, REACTIVITY DATA:

Flash Point: ABOVE 180°C. Method Used: COC	OSHA Classification: N.A.
Extinguishing media: Water / Fog CO ₂ Foam Dry Chem	DOT Hazard Classification: N.A.
Unusual fire and explosive hazards:	None (Not Flammable), but will burn at high temperature.
Special firefighting procedures:	Ventilate contaminated area. Eliminate all sources of ignition or flammable that may come in contact with spilled material.
Hazardous combustible or Decomposition products:	Prolonged & repeated contact with the material produce skin irritation & no decomposition.
Stability	Stable at room temp.
Hazardous polymerization products	N.A.
Condition to avoid	Extreme heat / sunlight.
Materials to avoid	Open flames and ignition sources.

PROTECTION INFORMATION:

Respiratory:	Avoid inhalation of vapours, Mist of this product may cause irritation to the mucous membrane.	Ventilation:	Normal ventilation. For use at high temp. Local exhaust req.
Eyes:	May cause irritation on contact. Immediately flush with copious amt. of Water.	Skin:	May cause mild irritation on contact. Wash thoroughly with mild soap and water.
Other protective devices & Procedures:	Avoid generation of mist. Avoid inhalation of vapours. Ventilate the area on spillage.		

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OCCUPATIONAL EXPOSURE LIMIT:

This material does not contain components which appear in 29CFR 1910.1000.

The permissible limits are:

TWA (PPM)

STEL (PPM)

CEILING (PPM)

Has this product been listed as a carcinogen or potential carcinogen in the 'Annual Report Carcinogen' published by NTP, OSH or the international agency for research on Cancer?

N.A.

HEALTH HAZARD INFORMATION:

Routes of Entry:	Hand, Eyes, Oral & Inhalation.
Prevent entering streams, sewers or drinking water supply.	
Symptoms of exposure:	Oral: Will cause nausea, vomiting & diarrhea but has a low order of toxicity.
Medical conditions aggravated by exposure	Seek physician's advice.

EMERGENCY AND FIRST AID PROCEDURES:

Inhalation exposure:	Remove to fresh air & provide oxygen, if breathing is difficult. Contact physician.
Skin contact:	Remove contaminated clothing. Flush skin with water. Wash skin thoroughly with mild soap & water. If irritation occurs, call a physician.
Swallowing or other:	Do not induce vomiting. In general no treatment is necessary unless large quantities are ingested. Get medical advice.

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SPILL, LEAK AND DISPOSAL PROCEDURE

Precautions if material is spilled or release:	Contain or dike spill material where possible. Absorb the remaining material with an inert absorbent & shovel into proper waste disposal container.
Waste disposal Method:	Dispose off at an appropriate waste disposal facility in accordance with current applicable laws and regulations.

HANDLING AND STORAGE PROCEDURES:

Protective measures during repair/ Maintenance of contaminated equipment:	Wipe and clean contaminated equipment Or parts.
Hygienic practices for handling:	Do not get into eyes. Avoid skin contact & inhalation. Do not take internally.
Others:	Keep container sealed.

Ecological Information:

- No specific ecological data available.
- Water Hazard class (FRG): WGK 2 (self classification)

Transport Information:

- **Technical name – Mineral Oil**
- US DOT STATUS: REGULATED BY THE US DEPARTMENT OF TRANSPORTATION AS A NON HAZARDOUS MATERIAL.
- Proper Shipping Name: Not regulated
- Packing Group: Not Applicable
- Hazard Class: Not regulated UN/NA Number: Not Applicable
- MARPOL III status: Not a DOT Marine Pollutant

Fire Fighting Procedure:

- Suitable Extinguishing agents: **Water, extinguishing powder, CO2, foam**
- Exposure hazards: In case of fire the fumes may contain lead oxides.

Special protective equipment: **Self-contained breathing apparatus.**

Accidental Release Measures:

Personal Precautions:	Prevent formation of dust. Take care for proper ventilation and protective mask.
Environmental Precautions:	Do not allow getting into soil, drains or water.
Cleanup procedure:	Collect in suitable container. Label with stickers.

Other Information: This safety data sheet shows our actual knowledge about our products. It is not a guarantee for certain properties.

DISCLAIMER:

Information contained in this material data sheet is believed to be reliable, but no representation, guarantee or warranties of any kind made as to its accuracy, suitability for a particular application or results to be obtained from them. It is up to the manufacturer / seller to ensure that the information content in the material data sheet is relevant to the product manufactured / handled or sold by, as the case may be. ADINATH CHEMICALS makes no warranties expressed or implied in respect of the adequacy of this document for any particular purpose.