



Material Safety Data Sheet

Manufacturers/Distributors Name/Address	Emergency/Info Phone No.	TREM Card Ref. No.
GANDHAR OIL REFINERY I LTD T-10, M.I.D.C., Taloja Main Road, Talu.-Panvel, Dist.-Raigad, Maharashtra,INDIA	27 41 20 47/55 90 11 23 26 14 93 67/26 14 90 67 24 13 28 04/ 24 11 36 67	G05-06/LLP TREM CARD-07

1.0 HAZARD RATING

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

Health	1
Flammability	1
Reactivity	0
Special	--

2.0 PRODUCT IDENTIFICATION

Product or Trade Name	TRANSFORMER OIL	
Product Class		
Product Code No.	MO	
Chemical Name	Mixture of highly purified petroleum oils.	
FEMA No.- -----	CAS No 8042-47-5	Formula: Mix. of Hydrocarbons

3.0 PHYSICAL DATA

Odour, Appearance, Physical State	Almost Odorless, Tasteless, white liquid.
Boiling Point	Above 250°C.
Melting Point	NA
Specific Gravity / Density	0.81 – 0.88
Solubility in Water	Insoluble
Vapour Pressure	N.A.
Vapour Density	N.A.

CONTD.-PAGE 02



4.0 FIRE, EXPLOSION, REACTIVITY DATA

Flash Point: Above 140°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.

5.0 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.	

CONT. PAGE 3



6.0 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.		

7.0 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.

8.0 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.

CONT. PAGE 4



9.0 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.

10.0 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 & store upright. When not in use, rotate stock.

11. Ecological Information

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

12. Transport Information

Technical name – leads compounds soluble, n.o.s

ADR/RID	IMDG/IMCO	ICAO/IATA	UN-NO
--	--	--	

13. 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.

CONT. PAGE 5



PAGE 5

14. 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.

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

16.0 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. GANDHAR makes no warranties expressed or implied in respect of the adequacy of this document for any particular purpose.