

SAFETY DATA SHEET (SDS)



Electric heater oil

1: Product and Manufacturer Identification

Product Name : Electric heater oil
Product Code / Other Names :
Material Uses : electric heater oil be used for the oil filled heater
Manufacturer Name : sinopec Lubricant co. Ltd
Street Address
City, State, Province
Country & Post Code

Emergency Contacts :

2: Hazard(s) Identification

Physical State : brownl and transparent liquid
Odor : No peculiar smell
WHMIS Status (Canada) :
Hazard Statements or Symbols :
OSHA/HCS Status (USA) :
Hazard Statements or Symbols : H302:Harmful if swallowed
Emergency Overview :
Possible Routes of Entry :

Potential Acute Health Effects

Inhalation : The International Agency for Research on Cancer (IARC) has determined
Ingestion : The International Agency for Research on Cancer (IARC) has determined
Skin Contact : The International Agency for Research on Cancer (IARC) has determined
Eye Contact : The International Agency for Research on Cancer (IARC) has determined

Potential Chronic Health Effects

Chronic Effects : The International Agency for Research on Cancer (IARC) has determined
Carcinogenicity : The International Agency for Research on Cancer (IARC) has determined
Mutagenicity : The International Agency for Research on Cancer (IARC) has determined
Teratogenicity : The International Agency for Research on Cancer (IARC) has determined
Developmental Effects : The International Agency for Research on Cancer (IARC) has determined
Fertility Effects : The International Agency for Research on Cancer (IARC) has determined
Medical conditions aggravated by :
Additional hazards not otherwise classified : No information available

3: Composition / Information on Ingredients

Ingredient Name or Description	CAS Number	%
Normal paraffin	5/9/8002	95-97

Additional Composition Details : Other hydrocarbons;polyisobutylene-bis-succinimide;alkylated diphenylamines

4: First-aid Measures

Eye Contact : Flush with water for 15 minutes. If irritation occurs, get medical
Skin Contact : Flush skin with water, and then wash with soapand water.Get medical
Inhalation : Remove victim to fresh air and provide oxygen.Get medical attention.
Ingestion : Do not induce vomiting. Getmedicalattention.
Protection for First-aid Providers : Indication of any immediate medical attention and special treatment needed. No further relevant
Notes to Physician : Cure according to symptom

5: Fire-fighting Measures

Flammability of the Product : Non-flammable

Extinguishing Media/Methods

Suitable : spray
Not Suitable : water
Special Exposure Hazards : Excessive exposure may result in eyes, skin or respiratory irritation in eyes, skin or respiratory

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- Products of Combustion : Fumes, smoke, carbon monoxide, sulfur oxides, aldehydes and other
Special Protective Equipment Needed for Fire-fighters : Wear self-contained respirator. Wear fully protective impervious suit.
Special Remarks on Fire Hazards : This product is not flammable
Special Remarks on Explosion Hazards : This product is not flammable

6: Accidental Release Measures

- Personal Precautions : Wear appropriate personal protective equipment when cleaning up
Protective Equipment :
Environmental Precautions : Do not allow material to be released to the environment without proper governmental permits

Cleaning / Containing

- Small Spill : Soak up residue with an absorbent such as clay, sand or other suitable material. Place in non-leaking
Large Spill : Remove with vacuum truck or pump to storage/salvage vessels.

7: Handling and Storage

- Safe Handling Precautions : Consumption of food and beverage should be avoided in work areas. Wash hands with soap and
Safe Storage Precautions : Do not store in open or unlabeled containers. Store in a cool, dry

8: Exposure Controls/Personal Protection

Ingredient Name/Description	Exposure Limits
OSHA PEL	5mg/m ³

- Recommended Monitoring Procedures :
Engineering Measures :
Hygiene Measures : The usual precautionary measures for handling chemicals should be followed

Personal Protection

- Respiratory : If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, an approved
Hands : Use protective gloves which are chemically resistant to this material
Eyes : Chemical Goggles, or Safety glasses with side shields
Skin : Wear protective clothes which are chemically resistant to this material
Environmental Exposure Controls : Provide adequate ventilation to control airborne concentrations below the exposure

9: Physical and Chemical Properties

- Physical State : liquid
Flash Point (°C and °F) : >200°C
Auto-ignition Temperature (°C and °F) : na
Flammable Limits : na
Color : Brown and transparent
Odor : No peculiar smell
Odor Threshold : na
pH : NA
Boiling/Condensing Point (°C and °F) : na
Melting/Freezing Point (°C and °F) : na
Relative Density : na
Vapor Pressure : na
Vapor Density : na
Volatility : na
Evaporation Rate : na
Viscosity : na
Pour Point (°C and °F) : na
Solubility : Hardly soluble in water

10: Stability and Reactivity

- Chemical Stability : stable
Hazardous Polymerization : will not occur
Materials to Avoid : Extreme heat and high energy sources of ignition and strong oxidizers

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Hazardous Decomposition Products : Product does not decompose at ambient temperatures.

11: Toxicological Information

Acute Toxicity

Product/Ingredient Name	Result	Species	Dose	Exposure
Oral LD 50	Practically low toxic	RAT	5000mg/kgBW	

Chronic Toxicity

Conclusion/Summary : No further relevant information available

Irritation/Corrosion

Conclusion/Summary : No further relevant information available

Sensitizer

Conclusion/Summary : No further relevant information available

Carcinogenicity

Conclusion/Summary : No further relevant information available

Classification

Product/Ingredient Name	ACGIH	IARC	EPA	NIOSH	NTP	OSHA

Mutagenicity

Conclusion/Summary :

Teratogenicity

Conclusion/Summary :

Reproductive Toxicity

Conclusion/Summary :

12: Ecological Information*

Environmental Effects

Aquatic Ecotoxicity

Conclusion/Summary : Though longtime infiltration, it may produce ecological toxicity

Biodegradability

Conclusion/Summary : Bioaccumulation is unlikely due to the very low water solubility of

Other Adverse Effects : No further relevant information available.

13: Disposal Considerations*

Waste Disposal : Product is suitable for burning in an enclosed, controlled burner for fuel value. In addition,

Additional References/Details : Use protection things ,including protection gloves ,glasses and respirator,because explosion

14: Transport Information*

Regulatory Information	UN #	Proper Shipping Name	Classes	PG	Label	Additional Information
TDG Classification	none			none		
DOT Classification						

Special Precautions :

15: Regulatory Information*

United States

HCS Classification :

Canada

WHMIS Classification :

International Regulations

Canada Inventory :

United States Inventory (TSCA 8b) :

Europe Inventory :

Additional Regulatory Statements :

16: Other Information

Hazardous Material Information System (United States) :

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National Fire Protection Association :
(United States)
Additional References :
Date of Original Issue :
Date of Current Revision :
Name of Responsible Party :
Contact for Copies of SDS :
Additional Comments/Notices :