



# SAFETY DATA SHEET

## 150 OIL

### 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

**PRODUCT:** NATIONAL 150 REFRIGERATION OIL

**PRODUCT CODE:** 150 OIL

**CHEMICAL NAME/FAMILY:** MINERAL OIL

**OTHER NAME:** REFRIGERANT OIL

**MANUFACTURER:** NATIONAL REFRIGERANTS, INC.

**ADDRESS:** 11401 Roosevelt Boulevard Phila., Pa. 19154

**INFORMATION:** 800-262-0012

**EMERGENCY:** 800-424-9300

**DATE:** 01/2021

**PREPARER:** Matt Callahan

### 2. HAZARD IDENTIFICATION

**CLASSIFICATION:** Not classified according to 29 CFR 1910.1200 (2012)

**OTHER HAZARDS:** SKIN AND EYE CONTACT: Prolonged contact may cause minor skin irritation.

### 3. COMPOSITION/ INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS#</u>	<u>WEIGHT</u>
Distillates, (petroleum), hydrotreated heavy naphthenic *no hazardous ingredients	64742-44-5	100%

#### COMMON NAMES AND SYNONYMS

Mineral Oil/Refrigerant Oil

There are no stabilizers or impurities that contribute to the classification of the material identified in section 2

### 4. FIRST AID MEASURES

**EYES:** Flush with large amounts of water for at least 15 minutes. If redness or irritation persists, contact a physician.

**SKIN CONTACT:** Wash with soap and water.

**INHALATION:** None normally required.

**INGESTION:** Call a physician.



# SAFETY DATA SHEET

# 150 OIL

## 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Dry chemical, CO<sub>2</sub>, foam, waterfog, sand/earth

**SPECIAL FIREFIGHTING PROCEDURES:** Wear self-contained breathing apparatus.  
Water spray is an unsuitable extinguishing agent.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None

## 6. ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IN CASE OF RELEASE OR SPILL:** Stop leak. Dike up large spills. Use inert absorbent materials such as earth, sand or vermiculite for clean-up. Use personal protective equipment such as gloves, goggles, and coveralls to prevent contact with skin during clean up.

## 7. HANDLING AND STORAGE

**PRECAUTIONS FOR STORAGE AND HANDLING:** Avoid exposure to heat and flames. Protect against eye and skin contact. Store containers in an upright and secure position to prevent spills and protect against damage.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### ENGINEERING CONTROLS

Provide adequate ventilation when working in confined areas

### PERSONAL PROTECTIVE EQUIPMENT

#### **SKIN PROTECTION:**

General work clothing and gloves (leather) should provide adequate protection. Any contaminated clothing should be promptly removed and washed before reuse.

#### **EYE PROTECTION:**

For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear chemical safety goggles.

#### **RESPIRATORY PROTECTION:**

None generally required for adequately ventilated work situations. For accidental release or non-ventilated situations, or release into confined space, where the concentration may be above the PEL use a NIOSH approved respirator.

#### **ADDITIONAL RECOMMENDATIONS:**

Where contact with liquid is likely, such as in a spill or leak, impervious boots and clothing should be worn.



# SAFETY DATA SHEET

## 150 OIL

### EXPOSURE LIMITS

OSHA permissible concentration of mineral oil mist in air is 5 mg/m<sup>3</sup>.

### **9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE:	Clear amber liquid
ODOR:	Petroleum odor
ODOR THRESHOLD:	Not determined
PH:	Neutral
MELTING/FREEZING POINT:	0°C (32°F)
BOILING POINT:	>500°F
FLASH POINT: COC METHOD	168°C (334°F)
EVAPORATION RATE:	Negligible
FLAMMABILITY:	Not applicable
LEL/UEL:	Not applicable
VAPOR PRESSURE:	<0.011 kPa (<0.08 mmHg) at 25°C
VAPOR DENSITY:	>10 (air=1)
RELATIVE DENSITY:	0.916
SOLUBILITY:	Insoluble in water
PARTITION COEFFICIENT n-Octanol/water:	2 - 6
AUTO IGNITION TEMPERATURE:	Not determined
DECOMPOSITION TEMPERATURE:	Not determined
VISCOSITY:	30 cSt (40°C (104°F))

### **10. STABILITY AND REACTIVITY**

**STABILITY:** STABLE

**HAZARDOUS POLYMERIZATION:** NONE

**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong oxidizing agents such as chromic acid, hydrogen peroxide and bromine.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** Upon combustion, CO<sub>2</sub> and CO are generated.

### **11. TOXICOLOGICAL INFORMATION**

**INHALATION AND SKIN ABSORPTION HEALTH RISKS:** OSHA permissible concentration of mineral oil mist in air is 5 mg/m<sup>3</sup>.

**SKIN AND EYE CONTACT:** Prolonged contact may cause minor skin irritation.

**SYMPTOMS OF EXPOSURE:** N/A



# SAFETY DATA SHEET

# 150 OIL

**INGESTION:** N/A

**ACUTE AND CHRONIC HEALTH HAZARDS:** N/A

<b>CARCINOGENICITY:</b> NTP	IARC MONOGRAPHS	OSHA REGULATED
NO	NO	NO

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** N/A

## 12. ECOLOGICAL INFORMATION

No data available

## 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Dispose of in accordance with Federal, State, and Local regulations.

## 14. TRANSPORTATION INFORMATION

US DOT ID NUMBER:	None
US DOT PROPER SHIPPING NAME:	None
US DOT HAZARD CLASS:	None
US DOT PACKING GROUP:	None

## 15. REGULATORY INFORMATION

This material is not a hazardous waste under RCRA Regulation 40 CFR 261.

## 16. OTHER INFORMATION

HMIS:	H	F	R
	1	1	0

## DISCLAIMER

INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BELIEVED TO BE ACCURATE AT THE TIME OF PREPARATION. NO WARRANTY IS MADE CONCERNING THE ACCURACY AND NO LIABILITY SHALL BE MADE FOR CLAIMS FOR USE OR RELIANCE OF THE RECOMMENDATIONS CONTAINED HEREIN.