

NAC826020

Material Safety Data Sheet COMPRESSOR OIL ISO 100

Telephone Number (24 Hour Emergency Assistance):
Chemtrec: 800-424-9300

Name & Address
Rost Group, 2775 U.S. 22 & 3, Suite 8, Maineville, OH 45309

Section I - Name

Product: Compressor Oil ISO 100
Chemical Name: Hydrotreated Heavy Paraffinic Distillate
Chemical Family: Petroleum Hydrocarbon: Base Stock

Health Hazard: 1 Fire Hazard: 1 Reactivity: 1

Section II - Product/Ingredient

No.	Composition	Cas No.	Percent
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P	Compressor ISO 100		
1	Hydrotreated Heavy Paraffinic Distillate	64742-54-7	100

NFPA HAZARD RATING: HEALTH 0 FIRE 1 REACTIVITY 0

Section III - Health Information

The health effects noted below are consistent with requirements under the OSHA hazard communications standard (29 CFR 1910.1200).

EYE CONTACT: Based on essentially similar product testing product is considered practically non-irritating to the eyes.

SKIN CONTACT: Based on essentially similar product testing, product is considered slightly irritating to the skin. Prolonged and repeated contact may lead to various skin disorders such as dermatitis, oil acne, or folliculitis.

INHALATION: The inhalation of vapors (generated at high temperatures only) or oil mist may cause a mild irritation of the mucous membranes of the upper respiratory tract.

INGESTION: Based on essentially similar product testing product is considered no more than slightly toxic if swallowed.

SIGNS AND SYMPTOMS: Irritation as noted above.

AGGRAVATED MEDICAL CONDITIONS: Pre-existing skin conditions and respiratory disorders may be aggravated by exposure.

OTHER HEALTH EFFECTS: This product and its components are not classified as carcinogens by International Agency for Research on Cancer (IARC). National toxicology program (NTP) or Occupational Safety and Health Administration (OSHA).

Section IV - Occupational Exposure Limits

COMP NO.	PEL/TWA	PEL/CEILING	TLV/TWA	ACGIH TLV/STEL	OTHER
P		5 MG/M3*	NONE	5 MG/M3*	10 MG/M3*

*Oil mist, mineral

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Section V - Emergency and First Aid Procedures

EYE CONTACT: Flush with Water. If irritation occurs, get medical attention.

SKIN CONTACT: Remove contaminated clothing and wipe off excess off. Wash with soap and water or a waterless and cleaner followed by soap and water. If irritation occurs, get medical attention.

INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult.

Get medical attention.

NOTE TO PHYSICIAN: In general, emesis induction is unnecessary in high viscosity, low volatility products, I. E., most oils and greases.

Section VI - Supplemental Health Information

None Identified

Section VII - Physical Data

BOILING POINT (Deg F)	SPECIFIC GRAVITY (H ₂ O = 1)	VAPOR PRESSURE (MM HG)
>530	0.8927	<0.1

MELTING POINT (DEG F)	SOLUBILITY IN WATER	VAPOR DENSITY (AIR = 1)
5 (Four Point)	Negligible	Not available
Viscosity 430-600 SUS @ 100 Deg F		

EVAPORATION RATE (Normal Butyl Acetate - 1) Not available

APPEARANCE and ODOR: Amber liquid. Slight hydrocarbon odor.

PHYS/CHEM PROPERTIES: See above details.

Section VIII - Fire and Explosion Hazards

FLASH POINT METHOD: 450 Deg F (COC)

FLAMMABLE LIMITS/PERCENT VOLUME IN AIR: Lower N/AV Higher N/AV

EXTINGUISHING MEDIA:

Use water fog, foam, dry chemical or CO₂. Do not use a direct stream of water. Product will float and can be reignited on surface of water.

SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS:

Material will not burn unless preheated. Do not enter confined fire-space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive-pressure niosh-approved self contained breathing apparatus. Cool fire exposed containers with water.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None identified

Section IX - Reactivity

STABILITY: Stable Hazardous polymerization will not occur

CONDITIONS AND MATERIALS TO AVOID:

Avoid heat, open flames and oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal decomposition products are highly dependent on the combustion conditions. A complex mixture of airborne solid, liquid, particulates

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and gases will evolve when this material undergoes pyrolysis or combustion. Carbon monoxide and other unidentified organic compounds may be formed upon combustion.

Section X - Employee Protection

RESPIRATORY PROTECTION:

If exposure may or does exceed occupational exposure limits (Section IIV) use a niosh-approved respirator to prevent overexposure. In accord with 29 CFR 1910.134 use either an atmosphere supplying respirator or an air-purifying respirator for organic vapors and particulates.

PROTECTIVE CLOTHING:

Wear chemical resistant gloves and other protective clothing as required to minimize skin contact. No special eye protection is routinely necessary. Test data from published literature and/or glove and clothing manufacturers indicate the best protection is provided by nitrile gloves

ADDITIONAL PROTECTIVE MEASURES:

None identified

Section XI - Environmental Protection

SPILL OR LEAK PROCEDURES:

May burn although not readily ignitable. Use cautious judgement when cleaning up large spills.

***Large Spills: Wear respirator and protective clothing as appropriate. Shut off source of leak if safe to do so. Dike and contain. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent such as clay, sand, or other suitable materials. Dispose of properly. Flush area with water to remove trace residue.
***Small Spills: Take up with an absorbent material and dispose of properly.

Section XII - Special Precautions

Minimize skin contact. Wash with soap and water before eating, drinking, smoking, or using toilet facilities. Launder contaminated clothing before reuse. Properly dispose of contaminated leather articles, including shoes, that cannot be decontaminated. Store in a cool, dry place with adequate ventilation. Keep away from open flames and high temperatures.

Section XIII - Transportation Requirements

DEPARTMENT OF TRANSPORTATION CLASSIFICATION:

Not hazardous by D.O.T. Regulations

DOT PROPER SHIPPING NAME: Not applicable

OTHER REQUIREMENTS: Not applicable

Section XIV - Other Regulatory Controls

This product is listed on the EPA/TSCA inventory of chemical substances.

Protection of stratospheric ozone (pursuant to Section 611 of the Clean Air Act Amendments of 1990) per 40 CFR part 62, this product does not contain nor was it directly manufactured with any Class I or Class II ozone depleting substances.

In accordance with SARA Title III, Section 313, the attached environmental data sheet (EDS) should always be copied and sent with the MSDS.

Section XV - State Regulatory Information

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STATE LISTED COMPONENT

CAS NO

PERCENT

STATE CODE

Based on information available this product does not contain any chemical substance listed on a chemical specific state list.

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Section XVI Special Notes

Information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied, regarding the accuracy of this data or the results to be obtained from the use thereof.

We assume no responsibility for the injury from the use of the product described herein.

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