

MSDS Information

Section 1. CHEMICAL PRODUCT SECTION

Product Name: MINERAL OIL
Product: Part #2205
Date Prepared: 01-2008

Manufacturer: FJC

P. O. Box 499
101 Commercial Drive
Mooresville, NC 28115
PH: 04-664-3587
FAX: 04-664-5522

For Chemical Emergency
Call INFOTRAC – 24 Hour Number
1-800-535-5053
Outside of United States
Call 24 Hour Number
1-352-323-3500

Section 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Reg No.	Percentage
Heavy Hydrotreated Naphthenic Distillates	64742-52-5	95-100

OSHA TWA	Not listed
OSHA STEL	Not listed
OSHA Skin	Not listed
OSHA Z PEL	2000 mg/m ³ 500 ppm
OSHA Z TWA	1600 mg/m ³ 400 ppm
OSHA Z CEILING	Not listed
ACGIH TLV TWA	Not listed
ACGIH TLV STEL	Not listed
ACGIH TLV CEILING	Not listed

VOC Content Percentage
Not Applicable

Section 3. HAZARD IDENTIFICATION

Primary Route of Entry
Skin

Skin

Prolonged or repeated skin contact may cause skin irritation. Tests on similar materials suggest that no eye or skin short-term exposure effects are expected.

Swallowing:

Tests on similar materials indicate no significant adverse effects expected by ingestion.

Inhalation:

Harmful or fatal if liquid is aspirated into lungs.

Other Precautions&/or Special Hazards;

Personnel with pre-existing skin disorders should avoid contact with this product. This material is practically non-toxic.

HMIS Classification

Health – 1

Flammability – 1

Physical Hazard – 0

NFPA Rating

Health – 1

Flammability – 1

Reactivity – 0

Section 4:

FIRST AID MEASURES

Eyes:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Seek medical attention if irritation persists.

Skin:

Wash with soap and water. Remove contaminated clothing and shoes, and launder before reuse. If product is injected into or under the skin, or into any part of the body, the individual should be evaluated immediately by a physician as a surgical emergency.

Swallowing:

Product is practically non-toxic. **DO NOT INDUCE VOMITING.** Give nothing by mouth. Seek immediate medical attention.

Inhalation:

Not a hazard under normal use conditions. If overcome by vapor from hot product, immediately remove from exposure and call a physician. If breathing is

irregular or has stopped, start resuscitation: administer oxygen, if available. If overexposed to oil mist, remove from exposure until excessive oil mist condition subsides.

Section 5.

FIRE FIGHTING MEASURES

Flash Point

>400F

Flash Point Method

TAG Closed Cup

Flammable Limits in Air – (Lower %)

Not determined

Flammable Limits in Air – (Upper %)

Not determined

Autoignition Temperature °F (C)

>650F

Extinguishing Media

Foam, water fog, dry chemical, carbon dioxide. Use water spray to keep containers cool that are exposed to heat or flames.

Protection of Fire Fighters

Special Fire-fighting Procedures

Wear approved positive-pressure self-contained breathing apparatus and protective clothing.

Hazardous Combustion Products

Fumes and smoke. Carbon Monoxide. Aldehydes and other decomposition products, in the case of incomplete combustion.

Aerosol Comments

Not Applicable

Section 6

ACCIDENTAL RELEASE MEASURES

Personal Precautions

Wear appropriate protective clothing and equipment to prevent skin and eye contact.

Spill Procedures

Contain any liquid from leaking containers. Wear protective equipment specified. Only trained and qualified personnel should handle any spilled or leaked product.

Action to be taken if material is released or spilled

Recover free product. Add sand, earth, or other suitable absorbent to spill area. Minimize skin contact. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses, or extensive land areas. Assure conformity with applicable governmental regulations.

Environmental Precautions

Do not allow to enter sanitary drains, sewer, or surface and subsurface waters.

Section 7

HANDLING AND STORAGE

Keep container closed when not in use. Keep away from heat and open flame. Empty oil containers can contain explosive vapors. NFPA Class IIB storage. Wash thoroughly with soap and water after handling. Good hygienic practices should be observed. Work clothes should be washed separately at the end of each work day. Contaminated disposable clothing should be discarded in accordance with local, state, and federal rules.

Section 8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection

Wear safety glasses or goggles to protect against exposure

Skin Protection

Neoprene coated apron or clothing. Nitrile coated apron or clothing. PVC coated apron or clothing. Viton.

Gloves:

Use chemical resistant gloves for prolonged skin contact.

Respiratory Protection

Use local exhaust to capture vapor, mists, or fumes, if necessary. Provide ventilation sufficient to prevent exceeding recommended exposure limit or buildup explosive concentrations of vapor in air. No smoking, or use of flame or other ignition sources.

Engineering Controls

Use local exhaust. Eyewash stations

Section 9

PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Colorless to light yellow liquid

Odor

Mild Petroleum

Ph Value

Essentially neutral

Vapor Pressure

>.0001 mm Hg @ 20 C

Vapor Density (Air=1)

>5

Boiling Point (°F)

>630F

Melting/Freezing Point

Not determined

Solubility in Water

Negligible

Bulk Density at 20°C

Not determined

Molecular Weight

420

Specific Gravity (H₂O=1)

.91

Viscosity

515 SUS @ 100 F (9.0 cSt @ 100 C)

Evaporation Rate

1000 x slower than ethyl ether

VOC content (%)

>1%
Decomposition Temperature
Not known

Section 10

STABILITY AND REACTIVITY

Product Stability
Stable

Conditions to Avoid

Keep away from heat, sparks, and flame. Avoid any source of ignition.

Materials to Avoid

Strong oxidizers such as liquid chlorine, concentrated oxygen, sodium hypochlorite, etc., as this presents a serious explosion hazard.

Hazardous Decomposition Products

Carbon monoxide and other asphxiants.

Hazardous Polymerization

Will Not Occur

Section 11

TOXICOLOGICAL INFORMATION

Heavy Hydrotreated Naphthenic Distillates (petroleum) CAS #64742-52-5

Route	Not applicable
Species	Not applicable
Dose	Not known

Carcinogenicity

IARC	Not listed
NTP	Not listed
OSHA	Not listed

Section 12

ECOLOGICAL INFORMATION

Ecological testing has not been conducted on this product

Section 13

DISPOSAL CONSIDERATION

Waste Management Information
Not determined

Waste Classification
This product is not a RCRA hazardous waste if uncontaminated. If “used” RCRA criteria must be determined.

Disposal Method
Disposal should be made in accordance with federal, state, and local regulations.

Section 14

TRANSPORTATION INFORMATION

U.S. DOT

Proper Shipping Name	Not Regulated
Hazard Class	Not Applicable
UN/NA Number	Not Applicable
DOT Packing Group	Not Applicable

IMDG

Proper Shipping Name	Not Regulated
Hazard Class	Not Applicable
Hazard Subclass	Not Applicable
UN No	Not Applicable
Packing Group	Not Applicable
Marine Pollutant	No

Section 15

REGULATORY INFORMATION

US Federal Regulations

Heavy Hydrotreated Naphthenic Distillates	CAS #64742-52-5
SARA 313	Not listed
SARA 311/312	Not determined
SARA 302	Not listed
TPQ	Not listed
RQ	Not listed

State Regulations

California Prop 65 Cancer List	Not listed
California Prop 65 Developmental Toxicity	Not listed
California Prop 65 Reproductive Female	Not listed
California Prop 65 Reproductive Male	Not listed

U.S. TSCA

Canadian Inventory

The components of this product are listed on the TSCA Inventory

The components of this product are listed on the Canadian DSL or NDSL inventory

Section 16

OTHER INFORMATION

Do not allow undiluted material or large quantities to reach groundwater, bodies of water or sewer system.

To the best of our knowledge, the information contained herein is accurate. **However, neither FJC nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.** Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.