Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Section 1: Identification

Product Name Mineral Oil Light NF
Commercial Name MINERAL OIL NF 65
Product Use Petrochemical industry: Petroleum refining. Mineral oil.
Restrictions On Use Not available

Product Code 30-1291

Company
PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: CFR 1910.1200 Not classified

Signal Word DANGER

Hazard Statement(s) May be fatal if swallowed and enters airways.

Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention Not available
Response Not available
Storage Not available
Disposal Not available.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components White Mineral Oil
% By Weight 100
CAS# 8042-47-5
Molecular Weight Varies.
Chemical Formula Not available
Synonym(s) White Mineral Oil, NF

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
White Mineral Oil	8042-47-5	100	TWA: 5 STEL: 10 (mg/m3) as oil mist Consult local authorities for acceptable exposure limits.	Not applicable.

Section 4: First-Aid Measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist

Skin Contact Rinse skin with water/shower. Get medical attention if irritation develops and persists.

Eye Contact Rinse with water. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.

Symptoms/Effects

Acute Not available

Delayed Not available.

Immediate Medical Attention

Treatment of laxative-emollient overdose should be symptomatic and supportive and may include the following: Do NOT induce vomiting. Do NOT administer activated charcoal, unless there is a coingestant with potentially serious side effects. Do NOT administer a cathartic. For excessive diarrhea, treat with high fluid intake and monitoring of fluid and electrolyte status.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable Extinguishing Media

Do not use water jet as an extinguisher, as this will spread the fire.

Products of Combustion

Not available.

Firefighters Special Equipment and Precautions

Wear suitable protective equipment. Use water spray to cool unopened containers. Use standard firefighting procedures and consider the hazards of other involved materials.

Section 6: Accidental Release Measures

Keep unnecessary personnel away. Wear appropriate personal protective equipment. Avoid inhalation of vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Absorb spillage with suitable absorbent material. For waste disposal, see section 13 of the SDS. Clean surface thoroughly to remove residual contamination. Avoid discharge into drains, water courses or onto the ground.

Section 7: Handling and Storage

Precautions: Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe gas/fumes/ vapor/spray. Keep away from incompatibles such as oxidizing agents. Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 24°C (75.2°F).

Section 8: Exposure Controls/Personal Protection

Exposure Limits US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000): TWA 5 mg/m3 Mist. US. ACGIH Threshold Limit Values: STEL 10 mg/m3 Mist.. TWA 5 mg/m3 Mist.

Engineering Controls For laboratory operations, use good technique and limit open handling. Control exposures to below the occupational exposure level (if available). Select and use containment devices and personal protective equipment based on a risk assessment of exposure potential. Cover all containers for solutions and slurries while being transferred.

Personal Protection	Eye/face protection: Wear safety glasses with side shields, chemical splash goggles, or full face shield, if necessary. Base the choice of protection on the job activity and potential for contact with eyes or face. An emergency eye wash station should be available. Skin protection Hand protection: Wear nitrile or other impervious gloves if skin contact is possible. When the material is dissolved or suspended in an organic solvent, wear gloves that provide protection against the solvent. Other: Wear lab coat. Base the choice of skin protection on the job activity, potential for skin contact and solvents and reagents in use. Do not wear protective garments in common areas (e.g., cafeterias) or out-of-doors. Respiratory protection: Respirators are generally not required for laboratory operations. Choose respiratory protection appropriate to the task and the level of existing engineering controls. Thermal hazards: Wear appropriate thermal protective clothing, when necessary. General hygiene considerations: Handling practices in this SDS are recommendations for laboratory use of reference standards. Procedures for any other uses or quantities should be determined after an appropriate assessment.

Section 9: Physical and Chemical Properties

Appearance	Liquid Color: Colorless. Clear
Odor	Characteristic
Odor Threshold	Not available

Melting Point	Not available.	**pH**	Not available
Freezing Point	Not available	**Vapor Pressure**	<= 0.01 kPa (68 °F (20 °C))
Boiling Point/Range	424.4 - 1189.4 °F (218 - 643	**Vapor Density**	Not available.
Decomposition temperature	Not available	**Viscosity**	> 34.7 mm²/s
Partition Coefficient: n-octanol/water	>6	**Evaporation Rate**	Not available
Flash Point	> 233.6 °F (> 112.0 °C) Clos	**Autoignition temperature**	617 - 671 °F (325 - 355 °C)
Flammability	Not available	**Flammability or Explosive Limits:**	
		Lower	Not available
		Upper	Not available

Solubility(ies)	Insoluble in water.
Other	Density 0.87 g/cm3 Surface tension < 35 mN/m (77 °F (25 °C))

Section 10: Stability and Reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical Stability	Material is stable under normal conditions.
Hazardous Polymerization	No dangerous reaction known under conditions of normal use.
Conditions to Avoid	Contact with incompatible materials.
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	Irritating and/or toxic fumes or gases. Emits toxic fumes under fire conditions.

Section 11: Toxicological Information

RTECS Not available

Acute Toxicity
Acute Dermal: LD50 Rabbit > 2000 mg/kg Inhalation: Mist LC50 Rat 2062 ppm, 4 hours Oral: LD50 Rat > 5000 mg/kg

Skin Corrosion/Irritation
Not available

Serious Eye Damage/Irritation
Not available

Respiratory or Skin Sensitization
Not available

Germ Cell Mutagenicity
Not available

Carcinogenicity
Not available.

Reproductive Toxicity
Not available

Routes of Entry
Not available.

Symptoms Related to Exposure
Not available

Potential Health Effects
Not available

Target Organ(s) Not available

Section 12: Ecological Information

Ecotoxicity
Aquatic: Fish LC50 Bluegill (Lepomis macrochirus) > 10000 mg/l, 96 hours

Persistance and Degradability
Not available

Bioaccumulative Potential
log Kow >6

Mobility in Soil
Not available

Other Adverse Effects
Not available

Section 13: Disposal Considerations

Waste Disposal
Dispose in accordance with all applicable regulations. Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.

Disposal of Container
Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner

Other Considerations
Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14: Transport Information

DOT Classification
Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information

Regulations
US federal regulations Toxic Substances Control Act (TSCA) TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated. CERCLA Hazardous Substance List (40 CFR 302.4) Not listed. SARA 304 Emergency release notification Not regulated. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053) Not listed. SARA 302 Extremely hazardous substance Superfund Amendments and Reauthorization Act of 1986 (SARA) Not listed. NoSARA 311/312 Hazardous chemical SARA 313 (TRI reporting) Not regulated. Other federal regulations Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List Not regulated. Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated. Not regulated.Safe Drinking Water Act (SDWA) California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. US state regulations California Proposition 65 US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a)) Mineral Oil (CAS 8042-47-5)

Other
Not available.

Section 16: Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, 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 that exist.