

**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  
744 Third Street  
London, ON N5V 5J2  
Canada  
Phone: 1-800-668-9453  
Fax: 1-800-799-4537

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

**Section 2: Hazard(s) Identification**

**OSHA Haz Com:** OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard  
**CFR 1910.1200** (29 CFR 1910.1200). ASPIRATION HAZARD - Category 1  
**Signal Word** DANGER  
**Hazard Statement(s)** May be fatal if swallowed and enters airways.  
**Pictogram(s) or Symbol(s)**

**Precautionary Statement(s):**

**Prevention** Not applicable.  
**Response** IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting.  
**Storage** Store locked up.  
**Disposal** Dispose of contents and container in accordance with all local, regional, national and international regulations.

**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**

<b>Inhalation</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
<b>Skin Contact</b>	Wash with soap and water. Get medical attention if irritation develops.
<b>Eye Contact</b>	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
<b>Ingestion</b>	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
<b>Symptoms/Effects</b>	
<b>Acute</b>	Eye: minimal irritation upon direct contact.
<b>Delayed</b>	Repeated small doses or large single doses by inhalation, aspiration or ingestion leading to aspiration can lead to lipid pneumonia or lipid granuloma.

**Immediate Medical Attention**

Not available.

**Section 5: Fire-Fighting Measures****Suitable Extinguishing Media**

SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

**Unsuitable Extinguishing Media**

Not available.

**Products of Combustion**

Not available.

**Firefighters Special Equipment and Precautions**

Not available

**Section 6: Accidental Release Measures**

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal. Large Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

**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**

<b>Exposure Limits</b>	TWA: 5 STEL: 10 (mg/m <sup>3</sup> ) as oil mist Consult local authorities for acceptable exposure limits.
<b>Engineering Controls</b>	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
<b>Personal Protection</b>	Safety glasses. Lab coat. Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	Liquid Color: Clear		
<b>Odor</b>	Odorless		
<b>Odor Threshold</b>	Not available		
<b>Melting Point</b>	-60 to -9°C (-76 to 15.8°F)	<b>pH</b>	Not available
<b>Freezing Point</b>	Not available	<b>Vapor Pressure</b>	0.011 kPa (0.08 mm Hg) [room temp]
<b>Boiling Point/Range</b>	299.44 to 520°C (571 to 968°F)	<b>Vapor Density</b>	Not available.
<b>Decomposition temperature</b>	Not available	<b>Viscosity</b>	Kinematic (40°C (104°F)): 0.12 cm <sup>2</sup> /s
<b>Partition Coefficient: n-octanol/water</b>	>6	<b>Evaporation Rate</b>	<1
<b>Flash Point</b>	Closed cup: >112°C (>233.6°F)	<b>Autoignition temperature</b>	325 to 355°C (617 to 671°F)
<b>Flammability</b>	Not available	<b>Flammability or Explosive Limits:</b>	
		<b>Lower</b>	Not available
		<b>Upper</b>	Not available
<b>Solubility(ies)</b>	Insoluble in cold water. Soluble in hydrocarbons.		
<b>Other</b>	Not available.		

**Section 10: Stability and Reactivity**

<b>Reactivity</b>	Not available
<b>Chemical Stability</b>	The product is stable.
<b>Hazardous Polymerization</b>	Will not occur
<b>Conditions to Avoid</b>	Excess heat, incompatibles
<b>Incompatible Materials</b>	Reactive with oxidizing agents.
<b>Hazardous Decomposition Products</b>	None

**Section 11: Toxicological Information****RTECS** Not available**Acute Toxicity**

LD50: Not available. LC50: Not available. Slightly hazardous in case of ingestion. Non-irritant for skin. Non-hazardous in case of inhalation. CARCINOGENIC EFFECTS: 3 (Not classifiable for human.) by IARC. Highly refined mineral oils are not classified as human carcinogens. However, related forms (untreated and mildly-treated oils used in metal machining, mule spinning and jute processing) are listed as human carcinogens by both IARC (group 1) and NTP Potential Health Effects: Skin: This product is not expected to cause any skin irritation upon direct single or repeated and prolonged contact. However, similar chemical composition products applied to the skin of lab animals resulted in minimal to slight dermal irritation. Eyes: May cause mild (minimal) eye irritation. Inhalation: May cause respiratory tract irritation with coughing and shortness of breath. This product has a low vapor pressure and is not expected to present an inhalation hazard at ambient conditions. Caution should be taken to prevent aerosolization or misting. If aspiration occurs, it may lead to chemical pneumonitis which is characterized by pulmonary edema and hemorrhage and may be fatal. Signs of lung involvement include increased respiratory rate, increased heart rate, and bluish discoloration of the skin. Coughing, choking and gagging are often noted at the time of aspiration Ingestion: Ingestion is relatively non-toxic unless aspiration occurs. It has laxative properties and may cause gastrointestinal tract discomfort, abdominal cramps, vomiting and diarrhea. Exposure to a large single dose, or repeated small doses by inhalation, aspiration or ingestion leading to aspiration can lead to lipid pneumonia or lipid granuloma. These are low-grade, chronic localized tissue reactions which are not fatal.

**Skin Corrosion/Irritation**

Not available

**Serious Eye Damage/Irritation**

Not available

**Respiratory or Skin Sensitization**

Not available

**Germ Cell Mutagenicity**

Not available

**Carcinogenicity**

No evidence of carcinogenic materials

**Reproductive Toxicity**

Not available

**Routes of Entry**

Absorbed through skin. Eye contact.

**Symptoms Related to Exposure**

Cough are the most common symptoms

**Potential Health Effects**

Not available

**Target Organ(s)** Not available**Section 12: Ecological Information****Ecotoxicity**

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Persistence and Degradability**

Not available

**Bioaccumulative Potential**

Not available

**Mobility in Soil**

Not available

**Other Adverse Effects**

Not available

**Section 13: Disposal Considerations****Waste Disposal**

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**Disposal of Container**

Not available

**Other Considerations**

Not available

**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**

INVENTORIES: AUSTRALIAN (AICS): Listed. CANADIAN (DSL): Listed. CHINESE: Listed. EUROPEAN EC/EINECS: Listed. JAPANESE ENCS: Listed. KOREAN (KCL): Listed. PHILIPPINE (PICCS): Listed. U.S. (TSCA): Listed. U.S. SARA SECTION 313: This product is not known to contain any SARA, Title III, Section 313 Reportable Chemicals at or greater than 1.0% (0.1% for carcinogens). U.S. SARA 311 / 312 CATEGORIES Acute: Chronic: Fire: Pressure: Reactive: Not Regulated: X CANADIAN WHMIS CLASSIFICATION: Not a Controlled Product under WHMIS.

**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.