



# SINCA INDUSTRIES AUSTRALASIA PTY. LTD.

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## SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION

**Product Name:** White Mineral Oil

**Other Names:** Paraffin Oil, White Oil, White Mineral Oil Petroleum

**Emergency contact:** (03) 9560 5679

### SECTION 2: HAZARDS IDENTIFICATION

**Poisons Schedule (Aust)** No Data Available

#### Globally Harmonised System

##### Hazard Classification

Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

##### Hazard Categories

Aspiration Hazard – Category 1

##### Pictograms



**Signal Word** Danger

##### Hazard Statements

H304: May be fatal if swallowed and enter airways.

##### Precautionary Statements

###### Response:

P301+ P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

P331: Do NOT induce vomiting.

**Storage**

P405: Store locked up.

**Disposal:**

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

**National Transport Commission (Australia)**

Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

**Dangerous Goods Classification**

NOT Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code).

**SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS**

Ingredients

<b>Chemical Entity</b>	<b>CAS Number</b>	<b>Proportion</b>
White Mineral Oil	8042-47-5	100%

**EINECS Number:** 232-455-8

**SECTION 4: FIRST AID MEASURES****General information:**

Immediately remove any clothing soiled by the product.

**Inhalation:**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

**Skin Contact:**

Take off immediately all contaminated clothing.  
Immediately wash with water and soap and rinse thoroughly.  
Call a doctor immediately.

**Eye Contact:**

Rinse opened eye for several minutes under running water. Then consult a doctor.

**Swallowed:**

If swallowed, rinse mouth with water (only if the person is conscious).  
Call a doctor immediately.

**Information for doctor:**

Symptomatic treatment is advised.

**SECTION 5: FIRE-FIGHTING MEASURES****Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray, Fight larger fires with water spray or alcohol resistant foam.

**Special hazards caused by the substance, its products of combustion or resulting gases:**

Carbon monoxide (CO)

Under certain fire conditions, traces of other toxic gases cannot be excluded.

**Protective equipment:**

Wear suitable protective clothing and eye/face protection.

Mouth respiratory protective device.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****General Response Procedure**

Eliminate all sources of ignition. Increase ventilation. Avoid walking through spilled product - Slippery on floors, especially when wet. Use clean, non-sparking tools and equipment. For hot product spills remove all ignition sources.

**Clean Up Procedures**

Soak up spilled product using absorbent non-combustible material such as sand or soil. Avoid using sawdust or cellulose. When saturated, collect material into suitable, labelled, dry, sealable containers and hold for safe disposal.

**Containment**

Stop leak if safe to do so.

**Decontamination**

After spill clean-up, wash area, preventing run off from entering drains.

**Environmental Precautionary Measures**

Do not allow product to reach drains, sewers or waterways. If product does enter a waterway, advise the Environmental Protection Authority or your local Waste Authority.

**Evacuation Criteria**

Evacuate all unnecessary personnel.

**Personal Precautionary Measures**

Personnel involved in the clean-up should wear full protective clothing as listed in section 8.

**SECTION 7: HANDLING AND STORAGE****Handling**

Ensure an eye bath and safety shower are available and ready for use. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling. Take precautionary measures against static discharges by bonding and grounding equipment.

Avoid contact with eyes, skin and clothing. Do not inhale product vapours.

Store and handle so as to prevent contamination from any source, especially when this material will be used in food applications. No special precautions are necessary beyond normal good hygiene practices. Provide suitable mechanical equipment for the safe handling of drums and heavy packages. Electrical equipment and fittings must comply with local regulations regarding fire prevention with this Combustible Liquid C2 to AS1940.

**Storage**

Store in a cool, dry, well-ventilated area. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks.

Keep away from sources of ignition. Do not store in open or unlabelled containers. Store away from strong oxidizing agents. See Section 15 for Regulatory information when storing this product. Storage, load and unload temperatures: ambient to 40 deg C. This product is classified as a 'C2' Combustible Liquid for the purpose of storage and handling in accordance with the requirements of AS1940.

## **Container**

Store in original packaging as approved by manufacturer.

## **SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION**

### **General**

The following exposure standard has been established by The Safe Work Australia (SWA);

Oil Mist 5 mg/m<sup>3</sup> TWA

NOTE: The exposure value at the TWA is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week.

These exposure standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

### **Exposure Limits**

No Data Available

### **Biological Limits**

No information available on biological limit values for this product.

### **Engineering Measures**

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible.

Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Adequate ventilation should be provided so that exposure limits are not exceeded.

### **Personal Protection Equipment**

Product at Room Temperature:

Protective gloves for handling product at room temperature is suggested to avoid unnecessary skin contact (e.g. rubber or plastic).

Heated Product:

RESPIRATOR: If a risk of vapour overexposure exists due to overheated product; use an organic vapour respirator meeting (AS1715/1716).

EYES: Safety glasses with side shields, or chemical goggles as appropriate (AS1336/1337).

HANDS: Wear heat protective gloves (AS2161).

CLOTHING: Clean overalls or similar protective apparel, preferably with an apron, closed shoes or safety boots as appropriate (AS3765/2210).

### **Work Hygiene**

Practices: Always wash hands before smoking, eating, drinking or using the toilet.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

### **General Information**

**Form:** Liquid

**Colour:** Colourless

**Odour:** Odourless

### **Change in condition**

**Melting point/Melting range:** Undetermined

**Boiling point/ Boiling range:** Undetermined

**Flash point:** > 175°C

**Flammability (solid, gaseous):** flammable

**Ignition temperature:** Undetermined

**Danger of explosion:** Product is not explosive. However, formation of explosive air vapour mixtures are possible.

**Density:** Not determined.

**Solubility in/Miscibility with water:** Insoluble in water

## **SECTION 10: STABILITY AND REACTIVITY**

**Thermal decomposition/ conditions to be avoided:**

No decomposition if used and stored according to specifications.

**Materials to be avoided:**

Strong oxidizing agents

Incompatible materials

**Dangerous decomposition products:**

Carbon monoxide

Carbon dioxide

Hydrocarbon

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **General Information**

(Based on testing of similar products and/or the components.)

ORAL TOXICITY: Practically non-toxic (LD50: greater than 2000mg/kg)

DERMAL TOXICITY: Practically non-toxic (LD50: greater than 2000mg/kg)

INHALATION TOXICITY: (LC50: greater than 4000 mg/m<sup>3</sup>) Harmful concentrations of mists and/or vapours are unlikely to be encountered through any customary or reasonably foreseeable handling, use, or misuse of this product.

EYE IRRITATION: Practically non-irritating. (Draize score: 0 or greater, but 6 or less)

SKIN IRRITATION: Practically non-irritating. (Primary Irritation Index: 0.5 or less)

CHRONIC: Chronic studies of white mineral oils and other highly refined mineral hydrocarbons have shown no indications of chronic toxicity or carcinogenicity.

### **Eye Irritant**

Not expected to be harmful, may cause slight eye irritation.

### **Ingestion**

No adverse effects expected. If more than several mouthfuls are swallowed abdominal discomfort, vomiting and diarrhea may occur. Small amounts of liquid aspirated into respiratory system during ingestion or vomiting may cause lung damage.

### **Inhalation**

At room temperature there are no vapours and no inhalation hazard. Oil mists may cause respiratory irritation, dizziness, nausea. Low viscosity white oils if aspirated into the lungs may cause chemical pneumonitis. If overheated: May cause irritation of the nose, throat and lungs; and may cause headaches, and possible nausea.

### **Skin Irritant**

Not expected to be harmful.

**Carcinogen Category**

No Data Available

**SECTION 12: ECOLOGICAL INFORMATION****Ecotoxicological effects:****Aquatic toxicity:**

No harmful effects to aquatic organisms if a few. It can damage the circumstance of aquatic organisms if a large amount of this products enter into water.

8042-47-5 White mineral oil	
LC 50	> 10000 mg/L (Lepomis macrochirus)

**Remarks:** Harmless to fish up to the tested concentration

**General notes:**

The product should not be released into the aquatic environmental without preliminary treatments (purification plant).

**SECTION 13. DISPOSAL CONSIDERATIONS****General Information**

Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility.

**Special Precautions for Land Fill**

Contact a specialist disposal company or the local waste regulator for advice. Product is suitable for burning in an enclosed, controlled burner for fuel value or disposal by supervised incineration. Such burning may be limited by your local Authority. In addition, the product is suitable for processing by an approved recycling facility or can be disposed of at any approved waste disposal site.

**SECTION 14: TRANSPORT INFORMATION****ROAD AND RAIL TRANSPORT**

Not classified as Dangerous Goods by the criteria of the “Australian Code for the Transport of Dangerous Goods by Road & Rail”.

**MARINE TRANSPORT**

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

**AIR TRANSPORT**

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

**SECTION 15: REGULATORY INFORMATION**

This material/ constituent(s) is covered by the following requirements:

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

## **SECTION 16: OTHER INFORMATION**

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Sinca Industries Australasia Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from use of the material.

If clarification or further information is needed, please contact:

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