

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Paraffin wax

Other name(s): White petroleum; Soft white paraffin; Paraffin wax 56/58.

Recommended Use: General chemical.

Supplier: Bluewater Poolcare
Street Address: 28 Bowden Road
MT Wellington
Auckland
New Zealand

Telephone Number: +64 9 914 8593
Facsimile: +64 9 309 9264
Emergency Telephone: N Z 0800 243 622 or International +64 3 353 0199 (ALL HOURS)

2. HAZARDS IDENTIFICATION

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available.

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

3. COMPOSITEION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion	Risk Phrases
Paraffin wax	8002-74-2	100%	-
or Microcrystalline wax	64742-43-4	100%	

4. FIRST AID MEASURES

Eye Contact:

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.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:

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.

Serious Ingestion: Not available.

5. FIRE FIGHTING MEASURES

Flammability of the Product: May be combustible at high temperature.

Auto-ignition Temperature: 245°C (473°F) - 340 C

Flash Points: CLOSED CUP: 199°C (390.2°F). OPEN CUP: 235°C (455°F).

Flammable Limits: Not available.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances:

Slightly flammable to flammable in presence of heat. Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:

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

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

6. ACCIDENTAL RELEASE MEASURES

Small Spill:

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:

Use a shovel to put the material into a convenient waste disposal container. 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.

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 dust. Keep away from incompatibles such as oxidizing agents.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation: Use local exhaust ventilation over heating operations. Use in well ventilated area.

Respiratory protection: No special requirement under ordinary conditions of use and with adequate ventilation.

Eye protection:

Generally eye contact with solid material is unlikely. However when handling product

Generally eye contact with solid material is unlikely. However, when handling product

In liquid form, chemical type goggles should be worn.

Skin protection: Gloves suitable for handling ho materials should be worn. Good personal hygiene practices should always be followed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Typical physical properties are given below. Consult Product Data Sheet for specific details.

Physical state: Wax

Color: White to amber

Odor: Characteristic waxy odor

Odor threshold(ppm)NE

Specific gravity: (Water=1.0) 0.87-0.92

PH: N/A
Boiling point: N/A
Melting Point: 46-80 DEG. C (115-175F)
Flash Point: > 350F (> 175DEG.C)
Flammability: N/E
Auto flammability: N/E
Explosive properties: N/A
Oxidizing properties: N/A
Vapor pressure: Negligible
Vapor density: (Air = 1.0) NA
Evaporation rate: N/A
Solubility in water: (Weight %) Negligible
Pour point C: N/A
Freezing point: N/A
NA=Not Applicable, NE=Not Established

10. STABILITY AND REACTIVITY

Stability: The product is stable.
Instability Temperature: Not available.
Conditions of Instability: Excess heat
Incompatibility with various substances: Reactive with oxidizing agents.
Corrosivity: Non-corrosive in presence of glass.
Special Remarks on Reactivity: Not available.
Special Remarks on Corrosivity: Not available.
Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

-----Acute toxicology-----

Oral toxicity: Practically non-toxic (LD50: greater than 2000mg/kg) Based on testing of similar products and /or the component.
Dermal Toxicity: Practically non-toxic (LD50: greater than 2000mg/kg) based on testing of similar products and/or the component.
Inhalation toxicity: Not established.
Eye irritation: Practically non-irritating based on testing of similar products and/or the Component.
SKIN IRRITATION:
Practically non-irritating (Primary Irritation Index: 0.5 or less) based on testing of similar products and/or the component.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Not available.
BOD5 and COD: Not available.
Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation: Not available.
Special Remarks on the Products of Biodegradation: Not available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Product is suitable for burning in an enclosed, controlled burner for fuel value or disposal by supervised incineration. Such burning may be limited by the local author-ity. In addition, the product is suitable for processing by an approved recycling facility or can be disposed of at an appropriate licensed waste disposal site. Use of these methods is subject to user compliance with applicable laws and regulations and considerations of product characteristics a time of disposal.

14. TRANSPORT INFORMATION

Road and Rail Transport

Not classified as a Dangerous Good under NZS 5433:2007 Transport of Dangerous Goods on Land.

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

Air Transport

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

15. REGULATORY INFORMATION

Classification:

Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.

Subclasses:

Subclass 6.3 Category B - Substances that are mildly irritating to the skin.

Subclass 6.4 Category A - Substances that are irritating to the eye.

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 Chempro Logistics Limited 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 its use of the material.

If clarification or further information is needed, the user should contact their Chempro Logistics representative or Chempro Logistics Limited at the contact details on page 1.

Chempro Logistics Limited's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.