

# *Candle Light Co. Pty Ltd*

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WESTERN AUSTRALIA  
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SHOWROOM & WAREHOUSE  
11 DURHAM ROAD  
BAYSWATER 6053  
WESTERN AUSTRALIA

## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION OF MATERIAL/SUPPLIER

Product name : Paraffin wax  
Other names : Fischer-Tropsch wax; paraffin wax, petroleum;  
poly(methelyne) wax; synthetic wax; wax, extract;  
Chemical Formula : Unspecified

#### Uses

Base for ointments.

#### Contact Details

Candle Light Co Pty Ltd  
11 Durham Rd Bayswater 6053 Western Australia  
Telephone 0892721944

Poisons Information Centre  
Westmead NSW  
Telephone 1311126 or 1800 251 525

### 2. HAZARDS IDENTIFICATION

**NOT Hazardous according to criteria of Worksafe Australia**

No data available

#### Risk Phrases

#### Safety Phrases

### 3. COMPOSITION/INFORMATION OF INGREDIENTS

Chemical Entity	C.A.S. No.	Proportion
PARAFFIN WAX	[800-74-2]	100%

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### 4. COMPOSITION/INFORMATION OF INGREDIENTS

#### Description of necessary measures according to routes of exposure

##### Ingestion

Rinse mouth with water. Give water to drink. Do NOT induce vomiting. If symptoms develop, seek medical attention.

##### Eye

Immediately flush eyes with plenty of water holding eyelids open. If irritation persists, seek medical attention.

##### Skin

Remove contaminated clothing. Wash affected area with soap and plenty of water. If irritation persists, seek medical attention.

##### Inhaled

Remove victim from exposure to fresh air. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

##### Advice to Doctor

Treat symptomatically based on individual reactions of patient and judgement of doctor.

NOTE: For advice in an emergency, contact a Poisons Information Centre (Australia 13-11-26 or New Zealand 0800-764-766).

##### Aggravated medical conditions caused by exposure

No information available on medical conditions which are aggravated from exposure to this product.

### 5. FIRE FIGHTING MEASURES

#### Extinguishing Media

Product is a combustible solid.

In case of fire, appropriate extinguishing media include dry chemical, foam, water and sand. Avoid using water stream on molten burning material as it may scatter and spread the fire.

#### Hazard from Combustion Products

Combustible solid. Does not ignite readily, but will burn. Incompatible with oxidizing agents, acids and sources of ignition. Melts in proximity to fires causing slippery floors and stairs. May react with strong oxidizers such as liquid or powdered chlorine. When involved in a fire, this product may generate fumes, smoke, carbon monoxide, carbon dioxide, small amounts of oxides of sulphur and nitrogen and other unidentified organic compounds.

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### Special protective precautions and equipment for fire fighters

Fire fighters should wear a self contained breathing apparatus and full protective clothing along with protective equipment.

Hazchem Code : N/A

## 6. ACCIDENTAL RELEASE MEASURES

### Emergency Procedures

Personnel involved in the clean up should wear full protective clothing. Eliminate all sources of ignition. Increase ventilation. Avoid generating dust. Do not allow product to reach drains, sewers or waterways. If the product does enter a waterway, advise the Environmental Protection Authority or your local Waste Management. Use clean, non-sparking tools and equipment.

### Methods and materials for containment and clean up

Contain and sweep/shovel up spills with dust binding material or use an industrial vacuum cleaner. Transfer to a suitable, labelled container and hold for safe disposal.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

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

### Conditions for safe storage, including any incompatibles

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. Protect against physical damage. Store away from incompatible materials including oxidizing agents, acids, caustics and sources of ignition. Protect from direct sunlight, moisture and static discharges. Store below 25°C in temperature. This product is not classified dangerous for transport according to The Australian Code for the Transport of Dangerous Goods By Road and Rail.

### Container Type

Store in original packaging as approved by manufacturer.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### National Exposure Standards

The following exposure standard has been established by The Australian Safety and Compensation Council (ASCC) formerly known as NOHSC.  
Paraffin Wax (fume) cas no: 8002-74-2 TWA = 2mg/m<sup>3</sup>

### Biological Limit Values

No information available on biological limit values for this product.

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### Engineering Controls

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.

### Personal Protection

RESPIRATOR: Wear an effective dust mask where dusts/vapours are formed and engineering controls are inadequate (AS1715/1716)

EYES: Safety glasses with sides shields (AS1336/1337)

HANDS: Wear thermal protection gloves when exposed to the molten product (AS2161)

CLOTHING: Impervious coveralls and safety footwear (AS3765/2210)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: prills, pellets, wax
Colour	: white to amber
Odour	: mild characteristic waxy odour
Vapour Pressure	: Negligible
Vapour Dignity	: N/A
Boiling Point	: <188
Melting Point	: 58-60
Solubility in Water	: Soluble
Specific Gravity	: 0.915-0.990
Flash Point	: Open cup 190-204
pH	: Not applicable
Flammability Limits (as percentage volume in air)	: N/A
Lower Explosion Limit	: N/A
Upper Explosion Limit	: N/A
Ignition Temperature	: N/A
Specific Heat Value	: N/A
Particle Size	: N/A
Volatile Organic Compounds (VOC) Content	: N/A
Evaporation Rate	: N/A
Viscosity	: N/A
Percent Volatile	: N/A
Octanol/Water partition coefficient	: N/A
Saturated Vapour Concentration	: N/A
Additional Characteristics	: N/A
Flame Propagation/Burning Rate of Solid Materials	: N/A
Properties of materials that may initiate or contribute to fire intensity	: N/A
Potential for Dust Explosion	: N/A
Reactions that Release Flammable Gases	: N/A
Fast or Intensely Burning Characteristics	: N/A
Non-flammables that could contribute unusual hazards to a fire	: N/A
Release of invisible flammable gases and vapours	: N/A
Decomposition Temperature	: N/A

### Additional Information

No data Available

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### 10. STABILITY AND REACTIVITY

#### Chemical Stability

Product is stable under normal conditions of use, storage and temperature.

#### Conditions to Avoid

Avoid excessive heat, direct sunlight, generating dust, moisture, static discharges and high temperatures.

#### Incompatible Materials

Incompatible with oxidizing agents, acids, caustics and sources of ignition.

#### Hazardous Decomposition Products

When involved in a fire, this product may generate fumes, smoke, carbon monoxide, carbon dioxide, small amounts of sulfur oxides and nitrogen oxides, and other unidentified organic compounds.

#### Hazardous Reactions

Hazardous polymerization will not occur.

### 11. TOXICOLOGICAL INFORMATION

#### Toxicity Data

Eye Irritation Rabbit 24hr: 100mg, mild (Draize Test)

Skin Irritation Rabbit 24hr: 500mg, mild (Draize Test)

#### Ingestion

Mildly irritating. If ingested, acts as a laxative and may cause diarrhoea.

#### Eye

Eye contact with the product may cause mechanical irritation.

Eye contact with the molten product may cause thermal burns.

#### Skin

Skin contact with the product may defat the skin and contribute to dermatitis.

Skin contact with the molten product may cause thermal burns.

#### Inhaled

Inhalation of powder or fumes may cause respiratory tract irritation, headache, nausea and dizziness.

### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

No ecological information available for this product.

#### Persistence and degradability

No information available on persistence/degradability for this product.

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### Mobility

No information available on mobility for this product.

### Environmental Fate

Do not allow product to enter drains, waterways or sewers.

### Bioaccumulative potential

No information available on bioaccumulation for this product.

## 13. DISPOSAL CONSIDERATIONS

### Disposal

Dispose of in accordance with all local, state and federal regulations.

### Special Precautions for land fill or incineration

Contact a specialist disposal company or the local waste regulator for advice.

## 14. TRANSPORT INFORMATION

UN No.	: N/A
Shipping Name	: PARAFFIN WAX
Dangerous Goods Class	: N/A
Subsidiary Risk	: None Allocated
Pack Group	: 0
Special Presentation for user	: No Data Available
Hazchem Code	: N/A

## 15. REGULATORY INFORMATION

Poisons Schedule	: N/A
EPG	: N/A
AICS Name	: PARAFFIN WAXES AND HYDROCARBON WAXES
NZ Toxic Substance	: N

Classified as non-hazardous according to criteria of The Australian Safety and Compensation Council (ASCC) formerly known as NOHSC.

### Additional Information

No data available

## 16. OTHER INFORMATION

Revision Date: Sept 2012

### Legend to abbreviations and acronyms

No data available

## MATERIAL SAFETY DATA SHEET

### **Literature references**

No data available

### **Sources for data**

No data available