



MATERIAL SAFETY DATA SHEET

SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: NAPHTHALENE

Company: Recochem Inc. ABN: 69 010 485 999
Address : 1809 Lytton Road, Lytton, Queensland 4178
Phone: (07) 3308 5200 Fax: (07) 3308 5201
Emergency Telephone Number: (07) 3308 5200 Day, After Hours 1300 131 001

Other Names: Tar Camphor, Naphthalin
Manufacturer's Product Code: 10001
Recommended Use: Moth Repellent

SECTION 2 HAZARDS IDENTIFICATION

**CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA
DANGEROUS ACCORDING TO THE CRITERIA OF THE ADG CODE**

Symbols: Xn - Harmful
N - Dangerous for the environment
Risk Phrases: R22 - Harmful if swallowed
R40 - Limited evidence of a carcinogenic effect
R50 - Very toxic to aquatic organisms
R53 - May cause long term adverse effects in the aquatic environment
Safety Phrases: S2 - Keep out of the reach of children
S36/37 - Wear suitable protective clothing and gloves
S46 - If swallowed, seek medical advice immediately and show this container or label
S60 - This material and its container must be disposed of as hazardous waste
S61 - Avoid release to the environment. Refer to special instructions/safety data sheets

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients

<i>Chemical Entity</i>	<i>CAS Number</i>	<i>Proportion (%)</i>
Naphthalene	91-20-3	> 99

SECTION 4 FIRST AID MEASURES

FIRST AID TREATMENT

Swallowed: If swallowed, do NOT induce vomiting. Transport to nearest medical facility for additional treatment.
Eye: If in eyes, hold eyes open, flood with water for at least 15 minutes. If irritation persists seek medical attention
Skin: If skin contact occurs, wash skin thoroughly with water and follow by washing with soap if available. If irritation persists, seek medical attention.
Inhaled: Remove victim from exposure if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.

First Aid facilities: Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers.

Advice to Doctor: Treat symptomatically.

Additional Information: None available.

Product: NAPHTHALENE

SECTION 5 FIRE FIGHTING MEASURES

Suitable Extinguishing Media: For a small fire use dry chemicals, carbon dioxide, water spray or foam. For large fires use water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, auto-ignition or explosion.

Hazards from combustion products: Carbon dioxide and carbon monoxide.

Precautions for Fire Fighters and Special Protective Equipment: Wear full protective clothing and self-contained breathing apparatus.

Additional Information: Hazchem code 1Z.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Observe all local and national regulations.

Spills and Disposal: Eliminate all sources of ignition. Use appropriate instruments to put the spilled material in a waste disposal container. Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and Materials for Containment and Clean Up Procedures: For small spills, use appropriate tools to put spilled solid in a convenient waste disposal container. For large spills, use water spray curtain to divert vapour drift. Ensure adequate ventilation.

SECTION 7 HANDLING AND STORAGE

Precautions for Safe Handling and Storage: Avoid contact with eyes, skin and clothing. DO NOT ingest. Avoid breathing dust, keep container closed. Use only with adequate ventilation. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands. Do not store near strong oxidants. Keep container in a cool, well-ventilated area. Avoid all possible sources of ignition. Do not store near strong oxidisers.

Flammability: Flammable solid.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards: National Occupational Health & Safety Commission (NOHSC) Worksafe Australia has set an exposure standard 52mg/m³ (10ppm) TWA (8hr), 79mg/m³ (15ppm) STEL.

Biological Limit Values: No biological limit allocated.

Personal Protective Equipment:

Respiratory Protection: Wear appropriate respirator when ventilation is inadequate.

Hand Protection: Use solvent resistant gloves (nitrile, PVC or neoprene).

Eye Protection: Wear safety goggles.

Protective Clothing: No special protection is ordinarily required beyond standard issue work clothes.

Engineering Controls: Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists. Keep containers closed when not in use.

SECTION 9 IDENTIFICATION

PHYSICAL DESCRIPTION / CHEMICAL PROPERTIES

Appearance	Crystalline Solid (Flakes, chips and balls)
Odour	Characteristic
pH:	N/A
Vapour Pressure (mmHg @ 20°C):	N/A
Vapour Density (air = 1)	4.42 @ 15 Deg C
Boiling Point (°C):	218
Freezing/Melting Point (°C):	80.2
Solubility in Water	Insoluble
Specific Gravity (g/ml @ 15°C):	1.162
Flashpoint (°C):	79 (Closed Cup)
Flammability Limits (%):	0.9 - 5.9
Auto Ignition Temperature (°C):	526
Percent Volatiles	100

Product: NAPHTHALENE

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions of use.

Conditions to Avoid: Avoid heat, sparks, open flames and other ignition sources.

Incompatible Materials: Strong oxidising agents, acids.

Hazardous Decomposition Products: Burning can produce carbon monoxide and/or carbon dioxide.

SECTION 11 TOXICOLOGICAL INFORMATION

HEALTH EFFECTS

Acute:

Swallowed: Hazardous in case of ingestion.

Eye: Contact may cause eye irritation.

Skin: Prolonged contact can cause skin irritation.

Inhaled: Inhalation should be minimal since vapours are unlikely due to physical properties. Inhalation may cause irritation to nose and throat.

Chronic: Irritant in case of contact with skin or eyes.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

Mobility: Immiscible with water.

Persistence/degradability: Biodegradable.

Bioaccumulation: Not available.

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal Methods: Ensure waste disposal conforms to local waste disposal regulations.

SECTION 14 TRANSPORT INFORMATION

UN Number:	1334	Proper Shipping Name:	Naphthalene, Refined
Class:	4.1	Subsidiary Risk:	None allocated
Packing Group:	III	Hazchem Code:	1Z
Special Precautions for User:	None		

SECTION 15 REGULATORY INFORMATION

Poisons Schedule : 6

AICS : Listed

Dangerous Goods Initial Emergency Response Guide (SAA HB76:2004) : 20

SECTION 16 OTHER INFORMATION

Further Information may be obtained by contacting Recochem on (07) 3308 5200

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.
