



# MATERIAL SAFETY DATA SHEET

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## SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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### Product Name: CRESYLIC ACID

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: Methyl Phenol, Hydroxymethylbenzene  
Manufacturer's Product Code: 23002  
Recommended Use: Disinfecting and Cleaning, Chemical feedstock, chemical intermediate

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## SECTION 2 HAZARDS IDENTIFICATION

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

Symbol: T Toxic  
C Corrosive  
Risk Phrases: R24/25 – Toxic in contact with skin and if swallowed  
R34 Causes burns  
R52 Harmful to aquatic organisms  
Safety Phrases: S1/2 Keep locked up and out of the reach of children  
S36/37/39 – Wear suitable protective clothing, gloves and eye/face protection  
S45 In case of accident or if you feel unwell, seek medical advice immediately (show label whenever possible)

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## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

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### Hazardous Ingredients

<i>Chemical Entity</i>	<i>CAS Number</i>	<i>Proportion (%)</i>
Cresylic acid	1319-77-3	>90

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## SECTION 4 FIRST AID MEASURES

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### FIRST AID TREATMENT

**Swallowed:** Do not induce vomiting without medical advice. Seek immediate medical attention.  
**Eye:** Immediately flush the eyes with plenty of water including under the eyelids, for at least 15 minutes. Seek medical attention.  
**Skin:** Immediately wash from the skin by removing contaminated clothing and flushing the exposed area with plenty of water and soap if available. 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:** Product is classified as toxic and corrosive. Toxic in contact with skin and if swallowed. Causes burns.

**Product: CRESYLIC ACID**

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**SECTION 5 FIRE FIGHTING MEASURES**

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**Suitable Extinguishing Media:** Material will burn if ignited, use water fog, dry chemical or carbon dioxide.

**Hazards from combustion products:** May produce oxides of carbon on burning

**Precautions for Fire Fighters and Special Protective Equipment:** Wear protective clothing

**Additional Information:** None

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**SECTION 6 ACCIDENTAL RELEASE MEASURES**

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Observe all local and national regulations

**Spills and Disposal, Methods and Materials for Containment and Clean Up Procedures:** Evacuate area and shut of ignition sources. Absorb with an inert dry material and place in an appropriate waste disposal container. For large spills, absorb with an inert material and put the spilled material in an appropriate waste disposal container. Dispose of in accordance with regional regulations. Wear protective equipment.

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**SECTION 7 HANDLING AND STORAGE**

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**Precautions for Safe Handling and Storage:** Avoid contact with eyes, skin and clothing. Do not ingest. Avoid breathing mist. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands.

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**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

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Exposure Standards: Cresylic acid TWA (8hr) 5ppm, 22mg/m<sup>3</sup>.

**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:** Wear impervious protective clothing and chemically resistant footwear.

**Engineering Controls:** Avoid generating and inhaling mists. Use adequate ventilation to control exposure to below recommended levels.

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**SECTION 9 IDENTIFICATION**

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**PHYSICAL DESCRIPTION / CHEMICAL PROPERTIES**

Appearance	Colourless, amber or brown liquid
Odour	Characteristic
pH:	5.5
Vapour Pressure (mmHg @ 20°C):	Data not available
Vapour Density (air = 1)	>1
Boiling Point (°C):	190
Freezing/Melting Point (°C):	-17.8
Solubility in Water	50g/l
Specific Gravity (g/ml @ 15°C):	1.03
Flashpoint (°C):	>79
Flammability Limits (%):	Not determined
Auto Ignition Temperature (°C):	Not Available
Percent Volatiles	0

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**SECTION 10 STABILITY AND REACTIVITY**

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**Chemical Stability:** Stable under normal conditions of use.

**Conditions to Avoid:** Excessive heat, sources of ignition

**Incompatible Materials:** Incompatible with oxidizing agents, acids, alkalis, metals

**Hazardous Decomposition Products:** May emit oxides of carbon and toxic fumes

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**SECTION 11 TOXICOLOGICAL INFORMATION**

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**HEALTH EFFECTS**

*Acute:*

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**Product: CRESYLIC ACID**

**Swallowed:** Swallowing this material causes intense burning of the mouth and throat, followed by abdominal pain and nausea; these effects may be delayed.

**Eye:** Eye contact produces severe corneal damage.

**Skin:** Penetrates intact skin rapidly as a liquid or vapour, producing burns and dermatitis. Local effects on the skin are discolouration, becoming anaesthetised, followed by progressive itching, pain and tissue destruction.

**Inhaled:** Acute exposures by all routes of absorption may cause muscular weakness, gastric disturbances, severe depression, shock, collapse and death. Although the effects are primarily on the central nervous system, edema of the lungs and injury to the kidneys, liver, pancreas and spleen may also occur.

**Chronic:** Repeated exposure may result in digestive disturbances, lung damage to the liver and kidneys, and skin eruptions. Some individuals may be hypersensitive to this product.

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**SECTION 12 ECOLOGICAL INFORMATION**

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**Ecotoxicity:** Not available

Mobility : Miscible with water

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**SECTION 13 DISPOSAL CONSIDERATIONS**

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

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**SECTION 14 TRANSPORT INFORMATION**

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UN Number:	2022	Proper Shipping Name:	Cresylic Acid
Class:	6.1	Subsidiary Risk:	8
Packing Group:	II	Hazchem Code:	2X

Special Precautions for User:

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**SECTION 15 REGULATORY INFORMATION**

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Poisons Schedule : 6  
AICS : Components Listed  
Dangerous Goods Initial Emergency Response Guide (SA HB76:2004) : 36

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**SECTION 16 OTHER INFORMATION**

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

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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.

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