SAFETY DATA SHEET

SECTION 1 IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Identifier **CRESYLIC ACID**

Other Names Methyl Phenol, Hydroxmethylbenzene

Manufacturer's Product Code 23002

Recommended Use Disinfecting and cleaning, chemical feedstock, chemical intermediate

Details of Supplier/Manufacturer

Company:	Recochem Inc. ABN: 69 010 485 999
Address:	1809 Lytton Road, Lytton, Queensland 4178
Phone:	(07) 3308 5200 Fax: (07) 3308 5201
Website:	www.recochem.com.au

Emergency Telephone Numbers

Business Hours:	(07) 3308 5200
After Hours:	1300 131 001
Poisons Information:	Australia: 13 11 26 New Zealand: 0800 764 766

SECTION 2 HAZARDS IDENTIFICATION

Hazardous chemical	*according to classification by Safe Work Australia*
Dangerous goods	*according to the Australian Code for the Transport of Dangerous Goods by Road and Rail*

Signal Word	**DANGER**

GHS Classification	Pictogram	Hazard statement
Acute Toxicity - Oral, Category 3	 SKULL AND CROSSBONES	H301 Toxic if swallowed
Acute Toxicity – Dermal, Category 3		H311 Toxic in contact with skin
Skin Corrosion/Irritation, Category 1B	 CORROSION	H314 Causes severe skin burns and eye damage
Serious Eye Damage/Irritation, Category 1		

Precautionary statements:

GENERAL	
P101	If medical advice is needed, have product container or label at hand
P102	Keep out of reach of children
P103	Read label before use
PREVENTATIVE	
P260	Do not breathe dusts or mists
P264	Wash thoroughly after handling
P270	Do not eat drink or smoke when using this product
P280	Wear protective gloves/protective clothing/eye protection/face protection
RESPONSE	
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P302 + P352	IF ON SKIN: Wash with plenty of soap and water
P303 + P361 + P353	IF ON SKIN (or hair): Take off contaminated clothing and wash before reuse. Rinse skin with water/shower
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310	Immediately call a POISON CENTER or doctor/physician
P312	Call a POISON CENTER or doctor/physician if you feel unwell
P330	Rinse mouth
P361	Remove/Take off immediately all contaminated clothing
P363	Wash contaminated clothing before reuse
STORAGE	
P405	Store locked up
DISPOSAL	
P501	Dispose of contents/container in accordance with local regulations

SECTION 3 COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients Names and Proportions

Chemical Entity	CAS Number	Proportion (%)
Cresylic Acid	1319-77-3	> 90

SECTION 4 FIRST AID MEASURES

Description of necessary first aid measures

Inhalation:	Remove victim from exposure if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.
Skin Contact:	If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available. Seek medical assistance
Eye Contact:	Immediately flush the eyes with plenty of water including under the eyelids, for at least 15 minutes. Seek medical attention
Ingestion:	Do not induce vomiting without medical advice. Seek immediate medical attention

Symptoms caused by exposure

Inhalation:	Acute exposures by all routes of absorption may cause muscular weakness, gastric disturbance, severe depression, shock, collapse and death.
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
Eye:	A severe eye irritant, corrosive to eyes, may cause redness, swelling and/or blurred vision. Can result in severe corneal damage.
Ingestion:	Causes intense burning of the mouth and throat, followed by abdominal pain and nausea (these effects may be delayed)

Medical attention and special treatment

Treat symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

Suitable extinguishing equipment

Use water fog, dry chemical or carbon dioxide.

Specific hazards arising from the chemical

May produce oxides of carbon on burning.

Special protective equipment and precautions for fire fighters

Wear protective clothing. Hazchem code 3X.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Evacaute and isolate hazard area and deny entry to unnecessary or unprotected personnel. Ventilate contaminated area thoroughly. Shut off ignition sources.

Environmental precautions

Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterway using sand, earth or other appropriate barriers.

Methods and materials for containment and cleaning up

Absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of in accordance with regional regulations. Wear protective equipment.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with eyes, skin and clothing. Do not ingest. Avoid breathing mist. Handle open containers in well-ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded. Do not empty into drains. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands.

Conditions for safe storage, including any incompatibilities

Data not available.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure control measures

From National Occupational Health & Safety Commission (NOHSC) Worksafe Australia -
Cresylic Acid: 22mg/m^3 (5ppm) TWA (8hr).

Biological monitoring

No biological limit allocated.

Engineering controls

Ensure that adequate ventilation is provided. Avoid generating and inhaling mists and vapours. Keep containers closed when not in use.

Individual protection measures

Eye and face protection:	Wear safety goggles.
Skin protection:	Use solvent resistant gloves, nitrile for longer term protection or PVC and neoprene for incidental splashes.
Respiratory protection:	If work practices do not maintain airborne level below the exposure standard, use appropriate respiratory protection equipment. When using respirators, select an appropriate combination of mask and filter. Select a filter for organic gases and vapours (boiling point > 65°C). Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.
Thermal hazards:	Not applicable.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colourless, amber or brown liquid
Odour:	Characteristic
Odour threshold (ppm):	Data not available
pH:	5.5
Melting point/freezing point (°C):	-17.8
Initial boiling point and boiling range (°C):	190
Flash point (°C):	> 79
Evaporation rate (Butyl acetate = 1):	Data not available
Flammability:	Data not available
Upper/lower flammability or explosive limits (%):	Data not available
Vapour pressure (mmHg @ 20°C):	Data not available
Vapour density (air = 1, @ 20°C):	> 1
Density (g/ml @ 15°C):	1.03
Solubility:	50g/l (water)
Partition coefficient: n-octanol/water:	Data not available
Auto-ignition temperature (°C):	Data not available
Decomposition temperature (°C):	Data not available
Kinematic viscosity (mm^2/s @ 20°C):	Data not available

SECTION 10 STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions of use.

Chemical stability

Stable under normal conditions of use.

Possibility of hazardous reactions

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.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute toxicity:	Cresylic acid is toxic. Swallowing this material causes intense burning of the mouth and throat. Oral LD50 (rat): 1454mg/kg Oral LD50 (mouse): 860mg/kg Dermal LD50 (rabbit): 200mg/kg
Skin corrosion/irritation:	Skin contact may produce burns.
Serious eye damage/irritation:	Eye contact may result in severe corneal damage.
Respiratory or skin sensitisation:	Not expected to be a sensitiser
Germ cell mutagenicity:	Not expected to be a mutagen
Carcinogenicity:	Not expected to be a carcinogen
Reproductive toxicity:	Not expected to impair fertility
Specific Target Organ Toxicity (STOT) – single exposure:	May cause central nervous system effects, oedema of the lungs, injury to the kidneys, liver, pancreas and spleen.
Specific Target Organ Toxicity (STOT) – repeated exposure:	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.
Aspiration hazard:	Not considered an aspiration hazard

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity

Acute toxicity:

Fish –	Data not available
Aquatic invertebrate –	Data not available
Algae –	Data not available
Microorganisms –	Data not available

Chronic toxicity:

Fish –	Data not available
Aquatic invertebrate –	Data not available
Algae –	Data not available
Microorganisms –	Data not available

Persistence and degradability
Biodegradable.

Bioaccumulative potential
Data not available.

Mobility in soil
Miscible with water.

Other adverse effects
Data not available.

SECTION 13 DISPOSAL CONSIDERATIONS

Ensure waste disposal conforms to local waste disposal regulations.

SECTION 14 TRANSPORT INFORMATION

UN number:	2022
Proper shipping name:	CRESYLIC ACID
Australian Dangerous Goods class:	6.1
Australian Dangerous Goods packing group:	II
Hazchem code:	3X

SECTION 15 REGULATORY INFORMATION

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP), Poisons Schedule:	6
Australian Inventory of Chemical Substances (AICS):	Listed
Dangerous Goods Initial Emergency Response Guide (SAA/SNZ HB76):	36

SECTION 16 OTHER INFORMATION

Date of preparation:	15/03/2016
Revision number:	4
Changes in this revision:	Update to GHS SDS standard