



Centre Anti-Poison pour le Québec: (800) 463-5060

Tél. (Qc): (418) 660-8666 / 800-890-8666


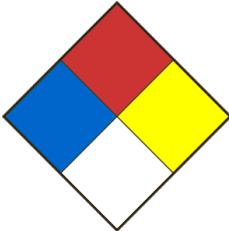
Fax. (Qc): (418) 660-8998

SAFETY DATA SHEET

SECTION 01 - PRODUCT AND COMPANY IDENTIFICATION

Product Identifier 4-CHLORO-3-METHYLPHENOL		Product Use Laboratory use	
Chemical formula C ₇ H ₇ ClO		Product code CR-0197	Molar weight 142,58
Chemical name / Commercial name / Synonymous 2-CHLORO-5-HYDROXYTOLUENE; 3-METHYL-4-CHLOROPHENOL ; 4-CHLORO-5-METHYLPHENOL; 4-CHLORO-M-CRESOL; 4-CHLOROCRESOL; p-CHLORO-m-CRESOL; p-Chlorocresol;			
Supplier's name Laboratoire MAT		Address-Street 610, Adanac Street	
City Québec		Province Québec	
Postal code G1C 7B7	Internet www.labmat.com	Phone number 418-660-8666 / 800-890-8666	
Emergency phone	CANUTEC: 613-996-6666		CENTRE ANTI-POISON DU QUÉBEC 800-463-5060
Date SDS 11/23/2020	SDS Prepared by Laboratoire MAT	E-Mail labmat@labmat.com	

SECTION 02 - HAZARDS IDENTIFICATION

Classification WHIMS / GHS	Acute toxicity - Dermal category 4 Acute toxicity - Oral category 4 Serious eye damage/eye irritation - Serious eye damage category 1 Respiratory or skin sensitization - Skin sensitize category 1
Signal Word	DANGER
Hazards statements (H)	H302 Harmful if swallowed. H312 Harmful in contact with skin. H317 May cause an allergic skin reaction. H318 Causes serious eye damage.
Precautionary statements (P)	P261 Avoid breathing dust / fume / gas / mist / vapors / spray. P264 Wash the areas of the body that have been in contact with the product after handling. P270 Do no eat, drink or smoke when using this product. P280 Wear protective gloves/protective clothing/eye protection/face protection. P302 + P352 IF ON SKIN: Wash with plenty of soap and water. 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. P321 Specific treatment (see section 4 of the SDS and on this label). P330 Rinse mouth. P362 + P364 Take off contaminated clothing and wash it before reuse. P501 Dispose of contents/container in accordance with local / regional / national / international regulations or contact a specialist waste disposal company. P272 Contaminated work clothing should not be allowed out of the workplace. P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
PICTOGRAMS	
Other dangers	NFPA (Risk: 0=No risk; 1=Slight; 2=Moderate; 3=Signifiant; 4=Extreme)
	Health 3 Fire 1 Reactivity 0 Special danger

SECTION 03 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingrédients (Dénomination chimique / synonymes)	Numéro CAS et tout identificateur unique	Concentration (%)
4-Chloro-3-méthylphénol	59-50-7	<=100

SECTION 04 - FIRST AID MEASURES

Eye contact	Wash eyes with large amounts of water for at least 15 minutes while holding eyelids apart to rinse eyes. See a doctor.
Skin contact	Wash skin with plenty of water for at least 15 minutes. Remove soiled clothing. Consult a physician.
Inhalation	If breathed in, move person into fresh air. If breathing is difficult, give oxygen. Consult a physician.
Ingestion	If the person is conscious, give water to drink. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician.
Most important symptoms and effects (acute and delayed)	The product is toxic, corrosive and irritant. Main symptoms of high exposure: Skin irritation. Eyes irritation. Irritation of the respiratory system. Liver damage. Can cause skin allergy. Ref. section 11.
Immediate medical attention and special treatment, if necessary	In case of medical consultation, keep this sheet available. In case of poisoning, the following can be administered as an antidote: Activated charcoal. Milk. Beaten egg whites.
General advice	Show this safety data sheet to the doctor in attendance.

SECTION 05 - FIREFIGHTING MEASURES

Flammability	No
Ignition conditions	Non flammable. But remains combustible. Flammable in the presence of a source of ignition when the temperature is above the flash point.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	Data not available.
Hazardous combustion products	Hazardous combustion products formed under fire conditions: Carbon oxides. Hydrogen chloride gas.
Special fire and explosion hazards	May react violently with incompatible products (Ref Section 10).
Special protective equipment and precautions for firefighters	Discard incompatible substances if this can be done without risk. Firefighters should be equipped with standard protective equipment, fireproof clothing, face mask, gloves, protective boots and, where appropriate, self-contained breathing apparatus.

SECTION 06 - ACCIDENTAL RELEASE MEASURES

Methods and materials for containment and cleaning up / Personal precautions, protective equipment	Evacuate personnel to safe areas. Recommended distance: at least 50 meters (150 feet) for liquids and at least 25 meters (75 feet) for solids. Cut off all sources of ignition. Ensure adequate ventilation. Use personal protective equipment. Use a respirator as needed. Pick up with a shovel or broom, taking care not to scatter dust. Dispose of residues in a container provided for the disposal of hazardous materials. Do not let product enter drains.
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SECTION 07 - HANDLING AND STORAGE

Conditions for safe storage	Keep container tightly closed in a dry and well-ventilated place. Keep container tightly closed and store away from heat, moisture, and incompatible products. Hygroscopic.
Methods of handling	Always open containers slowly to allow any excess pressure to vent. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust or vapor is formed. Avoid ingestion and inhalation. Wear personal protective equipment when handling. Always ensure good ventilation. Transport according to TDG (ref Section 14)

SECTION 08 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace control parameters

Components	CAS-No.	Control parameters	Value	Basis
4-Chloro-3-methylphenol	59-50-7	TLV, TWA, STEL	No data available	Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
		TLV, TWA, STEL	No data available	Canada. British Columbia OEL
		TLV, TWA, STEL	No data available	Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants

Ventilation	Fan.
Respiratory	If work under the hood is not possible, or if the permissible levels are exceeded, use a mechanical filter / cartridge against NIOSH vapors or a respirator with air supply.
Gloves	Handle with gloves.
Eyes	Safety goggles with safety shutters.
Shoes	Safety shoes.
Clothing	Labcoat. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Engineering control	Have safety showers and eyewash stations in the workplace in case of an emergency and a ventilation system to maintain the level of concentrations in the air below the exposure limit values.

SECTION 09 - PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid.
Appearance	Solide cristallin, blanc ou rose.
Odour	Inodore à odeur de phénol.
Odour threshold	0.1 mg/kgppm
pH	5,6 en solution aqueuse saturée.
Melting point / Freezing point	66°C
Initial boiling point	235°C
Boiling range	Data not available
Flash point	110-118°C
Evaporation rate	Data not available
Flammability	No
Lower flammable / Explosive limit	Data not available
Upper flammable / Explosive limit	Data not available
Vapour pressure	0.05 mmHg à 20°C.
Vapour density	4.92 (air=1)-
Relative density	0.9g/ml à 25°C
Solubility	Moins de 1 g/L dans l'eau à 20°C; Soluble dans les alcalis, les solvants organiques, les graisses et les huiles.
Partition coefficient water/n-octanol	Data not available
Auto-ignition temperature	590°C
Decomposition temperature	Data not available
Viscosity	Data not available

SECTION 10 - STABILITY AND REACTIVITY

Reactivity	Non-reactive under normal conditions.
Chemical stability	Stable under recommended storage conditions. Air sensitive. Hygroscopic. Sensitive to light.
Possibility of hazardous reactions	Stable under normal conditions.
Conditions of instability (Including sensitivity to shock / static discharge / vibration)	Sensitive to moisture and air. Hygroscopic. In solution: Takes a yellowish color if exposed to air. Light sensitive.
Incompatible material	Strong oxidizers. Strong bases. Acid chloride. Copper alloy, copper. Corrodes steel, brass, copper and its alloys.
Hazardous decomposition products	Hazardous decomposition products formed under fire conditions. - Carbon oxides, Hydrogen chloride gas.

SECTION 11 - TOXICOLOGICAL INFORMATION

4-CHLORO-3-METHYLPHENOL

Routes of exposure	Ingestion, inhalation, skin contact.
Acute exposition effects / symptoms:	By exposure route below.
- Eyes	Causes eye burns. Risk of serious damage to eyes.
- Skin	Harmful if absorbed through skin Irritation and tissue burns. May be fatal if absorbed through the skin. Contact effects may be delayed. This product causes skin sensitization.
- Inhalation	May be fatal if inhaled. Inhalation effects may be delayed.
Acute toxicity (Ingestion)	Maybe fatal if swallowed .
Chronic exposure effects / symptoms	May cause skin allergy in some subjects. Prolonged or repeated exposure to this product can cause damage to the following organs: Liver. Necrosis. May be fatal if inhaled, swallowed or absorbed through skin.
DL50 (specify species and route of entry)	LD50 Oral - Rat - 1,830 mg/kg. LD50 Dermal - Rat - 2 000 - 5 000 mg/kg
CL50 (specify species and route of entry)	LC50 Inhalation - Rat - 4h - 2.86 - 3 mg/L.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity	Toxicity to fish: LC50 - Oncorhynchus mykiss (rainbow trout) - 0.92 mg/l - 96.0 h. LC50 - Pimephales promelas (fathead minnow) - 4 - 8.9 mg / l - 96 h Toxicity to daphnia and other aquatic invertebrates: EC50 - Daphnia magna (Water flea) - 4.40 - 5.30 mg/l - 24 h. Immobilization EC50 - Daphnia magna (Water flea) - 1.5 mg/l - 48 h.
Persistence and degradability	Data not available.
Bioaccumulative potential	Data not available.
Mobility in soil	Data not available.
Other adverse effects	Very toxic to aquatic life. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Method	Dispose of contents / container in accordance with local / regional / national / international regulations / or contact a specialist waste disposal company.
Contaminated Packaging	Dispose of as unused product.

SECTION 14 - TRANSPORT INFORMATION

UN Number	3437
UN Proper shipping name	CHLOROCRÉSOLS SOLIDES
Transport hazard class(es)	6.1 Toxic substances
Packing group	II
Limited quantity index	0,5kg
ERAP Index	-
Special precautions	-

SECTION 15 - REGULATORY INFORMATION

WHIMS CANADA	Acute toxicity - Dermal category 4 Acute toxicity - Oral category 4 Serious eye damage/eye irritation - Serious eye damage category 1 Respiratory or skin sensitization - Skin sensitize category 1
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SECTION 16 - OTHER INFORMATION

Further information

The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. It does not represent any guarantee of the properties of the product. Laboratoire MAT Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.

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