



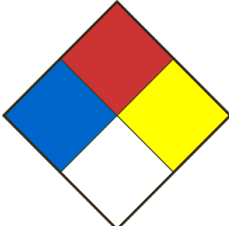
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SAFETY DATA SHEET

SECTION 01 - PRODUCT AND COMPANY IDENTIFICATION

Product Identifier 2,6-Di-tert-butyl-4-methylphenol		Product Use Laboratory use	
Chemical formula C ₁₅ H ₂₄ O		Product code DR-0105; DR-0905; BF-0005	Molar weight 220,36
Chemical name / Commercial name / Synonymous BHT; HYDROXYTOLUÈNE BUTYLÉ, 2,6-DI-tert-BUTYL-p-CRÉSOL,BHT, BUTYLATED HYDROXYTOLUENE, HYDROXY TOLUÈNE BUTYLÉ, PHENOL,2,6-BIS(1,1-DIMETHYLETHYL)-4-METHYL			
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 1/17/2023	SDS Prepared by Laboratoire MAT	E-Mail labmat@labmat.com	

SECTION 02 - HAZARDS IDENTIFICATION

Classification WHIMS / GHS	Not a hazardous substance according to WHMIS 2015
Other dangers	NFPA (Risk: 0=No risk; 1=Slight; 2=Moderate; 3=Signifiant; 4=Extreme)
	Health 1 Fire 1 Reactivity 0 Special danger

SECTION 03 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingrédients (Dénomination chimique / synonymes)	Numéro CAS et tout identificateur unique	Concentration (%)
2,6-di-tert-butyl-4-méthylphénol	128-37-0	<=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. If irritation persists, seek medical attention.
Skin contact	Wash skin with plenty of water for at least 15 minutes. Remove soiled clothing. If irritation persists, seek medical attention.
Inhalation	Move the unwell person to the fresh air. If breathing is difficult, give oxygen. Consult a physician.
Ingestion	If the person is conscious, rinse the mouth with water. Never give anything by mouth to an unconscious person. Consult a physician.
Most important symptoms and effects (acute and delayed)	Main symptoms of high exposure: Skin, eye and respiratory system irritation. Nausea and vomiting. Liver damage. Ref. section 11.
Immediate medical attention and special treatment, if necessary	In case of medical consultation, keep this sheet available.
General advice	Show this safety data sheet to the doctor in attendance.

SECTION 05 - FIREFIGHTING MEASURES

Flammability	No
Ignition conditions	May ignite if heated strongly and in the presence of an ignition source. Fine dust in sufficient concentration may be combustible, or explode if confined to a small space and subject to a source of ignition.
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.
Special fire and explosion hazards	Dust may form explosive mixtures with air. 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. Ensure adequate ventilation. Use personal protective equipment. 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. Discharge into the environment must be avoided.
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SECTION 07 - HANDLING AND STORAGE

Conditions for safe storage	Keep container tightly closed in a dry and well-ventilated place. Store in cool place. Keep container tightly closed and store away from incompatible products, heat, sparks, and open flame.
Methods of handling	Avoid contact with the skin, eyes and clothes. Provide appropriate exhaust ventilation at places where dust is formed. Avoid dust formation.

SECTION 08 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace control parameters

Components	CAS-No.	Control	Value	Basis
2,6DL-T-BUTYL-4-METHYLPHENOL	128-37-0	TWA	10 mg/m ³	Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
Remarks	The occupational exposure limit is based on the effects of irritation and its adjustment to compensate for unusual work schedules is not necessary.			
		TWA	2 mg/m ³	Canada. British Columbia OEL
		VEMP	2mg/m ³	Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants

Ventilation	Proper ventilation or hood.
Respiratory	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	Poudre cristalline blanche.
Odour	Faible phénolique.
Odour threshold	Data not available
pH	Données non disponibles.
Melting point / Freezing point	69-73°C
Initial boiling point	265°C
Boiling range	Data not available
Flash point	127°C
Evaporation rate	Data not available
Flammability	No
Lower flammable / Explosive limit	Data not available
Upper flammable / Explosive limit	Data not available
Vapour pressure	0.01 mmHg à 20.0 °C.
Vapour density	7.60 (air = 1)-
Relative density	1.048g/cm ³
Solubility	Soluble dans l'alcool, l'acétone et le toluène. Insoluble dans l'eau (0.0004 g/l à 20 °C).
Partition coefficient water/n-octanol	log Pow: 5.1-
Auto-ignition temperature	470°C
Decomposition temperature	Data not available
Viscosity	3.47 mm ² /s à 80 °C.

SECTION 10 - STABILITY AND REACTIVITY

Reactivity	May react violently with incompatible substances.
Chemical stability	Sensitive to heat.
Possibility of hazardous reactions	Avoid dust formation. May react violently with incompatible substances.
Conditions of instability (Including sensitivity to shock / static discharge / vibration)	Avoid contact with incompatible materials. Excess heat.
Incompatible material	Acid chlorides, acid anhydrides, oxidizing agents, bases, corroded steel, copper and brass, copper alloys.
Hazardous decomposition products	Hazardous decomposition products formed under fire conditions. Carbon oxides.

SECTION 11 - TOXICOLOGICAL INFORMATION

2,6-DI-TERT-BUTYL-4-METHYLPHENOL

Routes of exposure	Ingestion.
Acute exposition effects / symptoms:	By exposure route below.
- Eyes	Irritation and may result in inflammation of the conjunctiva as well as damage to the eyes.
- Skin	Irritation and dermatitis.
- Inhalation	Irritation of the mucous membranes and respiratory tract. Headache, dizziness, nausea and vomiting.
Acute toxicity (Ingestion)	Irritation of the mucous membranes. Abdominal pain, cramps, diarrhea, dizziness, nausea and vomiting.
Chronic exposure effects / symptoms	Burning sensation, conjunctivitis, headache, dizziness, nausea and destruction of tissue. Group 3: unclassifiable agent for its carcinogenicity (Group 3 IARC). Target organs: Liver. Kidney. Blood.
DL50 (specify species and route of entry)	LD50 Oral - Rat - Male et female - > 6000 mg/kg. LD50 Dermal - Rat - Male et female - >2000 mg/kg
CL50 (specify species and route of entry)	LC50 - Inhalation - Data not available.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity	EC50 - Daphnia magna (Water flea) - Static test: 0.4 mg/L - 48 h EC50 - Desmodesmus subspicatus (green algae) - Static test: > 0.4 mg/L - 72 h. CE50- activated sludge Static test: > 10000 mg/L - 3 h. LC50 - Danio rerio (zebra fish) - Semi-static test: > 0.57 mg/L - 96 h.
Persistence and degradability	May persist based on information provided.
Bioaccumulative potential	Data not available.
Mobility in soil	Unlikely mobility in the environment due to its low solubility in water.
Other adverse effects	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life with long lasting effects.

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	3077
UN Proper shipping name	MATIÈRE DANGEUREUSE DU POINT DE VUE DE L'ENVIRONNEMENT, SOLIDE, N.S.A
Transport hazard class(es)	9 Miscellaneous dangerous goods/hazardous material
Packing group	III
Limited quantity index	5kg
ERAP Index	-
Special precautions	16, 99 (2,6-di-tert-butyl-4-méthylphénol)

SECTION 15 - REGULATORY INFORMATION

WHIMS CANADA	Not a hazardous substance according to WHMIS 2015
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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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