



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

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


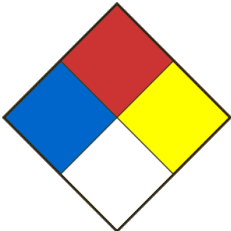
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## SAFETY DATA SHEET

### SECTION 01 - PRODUCT AND COMPANY IDENTIFICATION

Product Identifier SALICYLIC ACID		Product Use Laboratory use	
Chemical formula <chem>HOC6H4CO2H</chem>		Product code SR-0103 ; SR-0203	Molar weight 138,12
Chemical name / Commercial name / Synonymous ACIDE 2-HYDROXYBENZOÏQUE, SALICYLIC ACID, 2-HYDROXYBENZOIC ACID, ORTHOHYDROXYBENZOIC ACID, O-HYDROXYBENZOIC ACID			
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 9/19/2019	SDS Prepared by Laboratoire MAT	E-Mail labmat@labmat.com	

## SECTION 02 - HAZARDS IDENTIFICATION

<b>Classification WHIMS / GHS</b>	Acute toxicity - Oral category 4 Serious eye damage/eye irritation - Serious eye damage category 1 Reproductive toxicity category 2	
<b>Signal Word</b>	DANGER	
<b>Hazards statements (H)</b>	H302 Harmful if swallowed. H318 Causes serious eye damage. H361 Suspected of damaging fertility or the unborn child.	
<b>Precautionary statements (P)</b>	P264 Wash the areas of the body that have been in contact with the product after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves/protective clothing/eye protection/face protection. 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. P330 Rinse mouth. P501 Dispose of contents/container in accordance with local / regional / national / international regulations or contact a specialist waste disposal company. P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P308 + P313 IF exposed or concerned: Get medical advice/attention. P405 Store locked up.	
<b>PICTOGRAMS</b>		
<b>Other dangers</b>	NFPA (Risk: 0=No risk; 1=Slight; 2=Moderate; 3=Signifiant; 4=Extreme)	
	<b>Health</b> 2 <b>Fire</b> 0 <b>Reactivity</b> 0 <b>Special danger</b>	

## SECTION 03 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingrédients (Dénomination chimique / synonymes)	Numéro CAS et tout identificateur unique	Concentration (%)
Acide salicylique	69-72-7	<=100

## SECTION 05 - FIREFIGHTING MEASURES

<b>Flammability</b>	No
<b>Ignition conditions</b>	Not flammable or combustible.
<b>Suitable extinguishing media</b>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
<b>Unsuitable extinguishing media</b>	Data not available.
<b>Hazardous combustion / decomposition products</b>	Hazardous decomposition products formed under fire conditions. Carbon oxides.
<b>Special fire and explosion hazards</b>	May react violently with incompatible products (Ref Section 10).
<b>Special protective equipment and precautions for firefighters</b>	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

<b>Methods and materials for containment and cleaning up / Personnel precautions, protective equipment</b>	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. Clean and rinse with water. 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

<b>Conditions for safe storage</b>	Keep container tightly closed in a dry and well-ventilated place. Protect against the sun's rays.
<b>Methods of handling</b>	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. Wear personal protective equipment when handling. Always ensure good ventilation. Transport according to TDG (ref Section 14)

## SECTION 09 - PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid.
Appearance	Cristalline blanche.
Odour	inodore.
Odour threshold	Data not available
pH	2.4 soln. aqueuse à 23% à 20°C..
Melting point / Freezing point	158-161°C
Initial boiling point	211°C
Boiling range	Data not available
Flash point	157°C
Evaporation rate	Data not available
Flammability	No
Lower flammable / Explosive limit	1.1% v/v
Upper flammable / Explosive limit	Data not available
Vapour pressure	<1mmHg à 114°C.
Vapour density	4.8 (Air= 1)-
Relative density	1.443g/cm <sup>3</sup>
Solubility	Soluble dans l'eau, l'alcool et l'éther.
Partition coefficient water/n-octanol	log Pow : 2.25 à 25°C-
Auto-ignition temperature	540°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.
Possibility of hazardous reactions	Stable under normal conditions.
Conditions of instability (Including sensitivity to shock / static discharge / vibration)	Avoid moisture and excessive heat. Exposure to light. This product darkens when exposed to light.
Incompatible material	Strong oxidizing agents, strong bases, mineral acids, iron, iodine, lead acetate and common metals.
Hazardous decomposition products	Hazardous decomposition products formed under fire conditions. Carbon oxides.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### SALICYLIC ACID

Routes of exposure	Ingestion, inhalation, skin and eyes.
Acute exposition effects / symptoms:	By exposure route below.
- Eyes	Severe irritation and burns that may cause permanent eye damage.
- Skin	Irritation and dermatitis. Harmful if absorbed through skin
- Inhalation	Irritation of the mucous membranes and respiratory tract. May be harmful if inhaled.
Acute toxicity (Ingestion)	Gastrointestinal irritation, dizziness, headache, nausea and vomiting. Harmful if swallowed.
Chronic exposure effects / symptoms	Prolonged exposure may cause dermatitis, permanent damage to the cornea, liver and kidney damage. Chronic mild intoxication with salicylates is called salicylism. Symptoms include: Céphalée, dizziness, ringing of ears, hearing problems, weakening of vision, mental confusion, weariness, drowsiness, sweating, thirst, hyperventilation, nausea, vomiting and possibly diarrhea. More serious cases of intoxication are characterized by more marked disorders of the central nervous system (including generalized seizures and coma), rash and pronounced alterations of the acid-base balance.
DL50 (specify species and route of entry)	LD50 Oral - Rat - Male. 891 mg/kg LD50 Dermal - Rat - > 2,000 mg/kg
CL50 (specify species and route of entry)	CL50 inhalation - Rat > 900 mg/m3 - 1 h.

## SECTION 12 - ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	EC50 - Daphnia magna (Water flea) - Immobilization 870 mg/L - 4 h. EC50 - Desmodesmus subspicatus (green algae) - Inhibition of growth - > 100 mg/L - 72 h. LC50 - Leuciscus idus (Golden orfe) - Static test: 90 mg/L - 48 h.
<b>Persistence and degradability</b>	Biodegradability aerobic. Result: > 90 % - Inherently biodegradable.
<b>Bioaccumulative potential</b>	Data not available.
<b>Mobility in soil</b>	Probable mobility in the environment due to its solubility in water.
<b>Other adverse effects</b>	Data not available.

## SECTION 13 - DISPOSAL CONSIDERATIONS

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

## SECTION 14 - TRANSPORT INFORMATION

<b>UN Number</b>	N/R
<b>UN Proper shipping name</b>	
<b>Transport hazard class(es)</b>	
<b>Packing group</b>	
<b>Limited quantity index</b>	
<b>ERAP Index</b>	
<b>Special precautions</b>	

## SECTION 15 - REGULATORY INFORMATION

<b>WHIMS CANADA</b>	Acute toxicity - Oral category 4 Serious eye damage/eye irritation - Serious eye damage category 1 Reproductive toxicity category 2
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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.

Last Update: 9/19/2019