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**MATERIAL SAFETY DATA SHEET (MSDS)****SALICIN (FOR MICROBIOLOGY)****1. PRODUCT IDENTIFICATION**

**Synonyms:** 2-(Hydroxymethyl)phenyl-beta-D-glucopyranoside  
**CAS No.:** 138-52-3

Product Coad: S0176900005

**Molecular Weight:** 286.27  
**Chemical Formula:** C<sub>13</sub>H<sub>18</sub>O<sub>7</sub>

**2. Composition/Information on Ingredients**

Ingredient	CAS No	Percent
SALICIN	138-52-3	90 - 100%

**3. Hazards Identification**

**Potential Acute Health Effects:** Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation.

**Potential Chronic Health Effects:** Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation.

**4. First Aid Measures**

**Eye Contact:** No known effect on eye contact, rinse with water for a few minutes.

**Skin Contact:** After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

**Inhalation:** Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

**Ingestion:** Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

**5. Fire Fighting Measures**

**Flammability of the Product:** May be combustible at high temperature.

**Auto-Ignition Temperature:** Not available.

**Flash Points:** Not available.

**Flammable Limits:** Not available.

**Products of Combustion:** These products are carbon oxides (CO, CO<sub>2</sub>).

**Fire Fighting Media and Instructions:** SMALL FIRE: Use DRY chemical powder.

LARGE FIRE: Use water spray, fog or foam. Do not use water jet

**6. Accidental Release Measures**

**Small Spill:** Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

**Large Spill:** Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

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**MATERIAL SAFETY DATA SHEET (MSDS)****SALICIN (FOR MICROBIOLOGY)****7. Handling and Storage**

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

**8. Exposure Controls/Personal Protection**

**Engineering Controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Personal Protection:** Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

**Personal Protection in Case of a Large Spill:** Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Exposure Limits:** Not available

**9. Physical and Chemical Properties**

**Appearance:** White crystalline powder.

**Odor:** Na

**Solubility:** Soluble in water.

**10. Stability and Reactivity**

**Stability:** The product is stable.

**Instability Temperature:** Not available.

**Conditions of Instability:** Not available.

**Incompatibility with various substances:** Not available.

**Corrosivity:** Non-corrosive in presence of glass.

**Polymerization:** No

**11. Toxicological Information**

No LD50/LC50 information found relating to normal routes of occupational exposure.  
Investigated as a mutagen.

---NTP Carcinogen---

Ingredient	Known	Anticipated	IARC Category
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SALICIN	No	No	None
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**12. Ecological Information**

**Environmental Fate:** No information found.

**Environmental Toxicity:** No information found.

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**MATERIAL SAFETY DATA SHEET (MSDS)****SALICIN (FOR MICROBIOLOGY)****13. Disposal Considerations**

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

**14. Transport Information**

NON HAZARDOUS FOR AIR, ROAD AND SEA TRANSPORT

**15. REGULATORY**

SARA Title III: N/A  
Federal Regulatory: N/A

**16. Other Information**

**Product Use:** Laboratory Reagent.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

**DISCLAIMER:**

- **SUVCHEM** Products are to be used as Lab Chemicals for R&D only. Not for drug, medicinal, household or other uses.
- **SUVCHEM** shall not be responsible for any damage resulting from handling or from contact with the above product.
- **SUVCHEM** provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.

**End of document**