

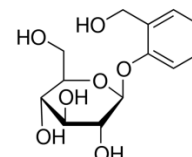


# Product Specification

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## SALICIN FOR MICROBIOLOGY

PRODUCT CODE	038060
SYNONYMS	--
C.I. NO.	--
CASR NO.	(138-52-3)
ATOMIC OR MOLECULAR FORMULA	C <sub>13</sub> H <sub>18</sub> O <sub>7</sub>
ATOMIC OR MOLECULAR WEIGHT	286.28
PROPERTIES	Soluble in water, alcohol,alkalies ,glacial acetic acid; insoluble in ether.



PARAMETER	LIMIT
Description	White to off white powder.
Solubility	Soluble in water.
Minimum assay (GC)	99.0%
Melting range	199°- 202°C
Specific rotation(α) <sub>D</sub> <sup>20</sup>	- 65° to - 61°

### MAXIMUM LIMIT OF IMPURITIES

Loss on drying at 110°C	0.5%
Sulphated ash	0.2%

Note(s) : 1] Assay (if applicable) method mentioned.  
2] Substrate for the ass β glucosidase

### WARNING

**Hazard statements** : May cause respiratory irritation. Causes skin irritation.Causes serious eye irritation. May cause allergic skin reaction

### Precautionary statements

**Prevention** : Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

**Response** : IF ON SKIN: Wash with plenty of soap and water.IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse.

**Disposal**: The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram(s) :



GHS07

IMDG Code : --  
UN No. : --  
IATA : --

Revised date 3-Jan.-2018