

SALICYLIC ACID

Purified Grade

(1/2)

CRYSTALLINE POWDER
Roussillon, FRANCE

PRODUCT DATA SHEET RON-SA-PUR-1110-V1

IDENTIFICATION

CAS N° [69-72-7]
EINECS: 200-712-3

SYNONYMS

2-hydroxybenzoic acid
orthohydroxybenzoic acid

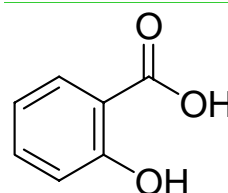
EMPIRICAL FORMULA

C₇H₆O₃

MOLECULAR WEIGHT

M_r = 138.12

STRUCTURAL FORMULA



PHYSICO-CHEMICAL PROPERTIES

A white, crystalline powder or white or colourless, acicular crystals.
Not hygroscopic.

Tapped density (d₁₂₅₀) 0.70 to 0.80 g/ml

Poured density (d₀) 0.40 to 0.50 g/ml

Sublimation point from 76 °C

Solubility at 20 °C

Ethanol..... Freely soluble

Chloroform, methylene chloride..... Sparingly soluble

Benzene, water..... Slightly soluble

APPLICATIONS

- Chemical synthesis: Starting material for the synthesis of active pharmaceutical ingredients, antiseptic agents, fragrance chemicals, carbonless paper coatings, phenolic and epoxy resins etc
- Food industry (preservative)
- Personnel care applications: cosmetics

SPECIFICATIONS

Tests	Limit	Method
Assay (dry basis)	99.5 % minimum	Acid base titration
Melting point	158 to 160 °C	Capillary method
Aspect of a 10% Na ₂ CO ₃ solution (10g + 50 ml)		
Clarity	Clear to very slightly opalescent	Comparison with standards
Colour of this solution	50 Hazen maximum	ISO 2211
Phenol content	0.02 % maximum	HPLC
Sulfates	0.04 % maximum	Ion selective electrode

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REGULATORY

GMO status:	Salicylic acid is GMO free
BSE/TSE status:	Salicylic acid is free of BSE / TSE
Residual solvents:	Only water is used in the final purification stages
Residual catalysts:	No catalysts are utilized in the manufacturing process of salicylic acid
FEMA N°:	3985
REACH:	Registration # 01-2119486984-17-0000

PACKAGING

- White paper bags (polyethylene inner liner) of 25 kg net weight, printing in blue on a 1140 x 1140 mm pallet (CP-9) shrink-wrapped
- Flexible containers, from 500 to 1000 kg on a 1140 x 1140 mm pallet (CP-9)

TRANSPORT

- | | |
|---|---------------|
| <ul style="list-style-type: none">• INLAND International Legislation (RID-ADR)• SEA FREIGHT (OMI)• AIR FREIGHT (IATA) | Not regulated |
|---|---------------|

STORAGE CONDITIONS

The product is stable under ICH accelerated conditions. Therefore, controlled conditions are not required for storage of salicylic acid.
Re-test date: 5 years

SAFETY INSTRUCTIONS

Please consult our material safety data sheet

DISCLAIMER

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