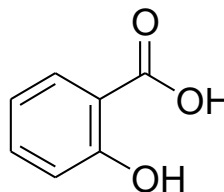


PRODUCT DATA SHEET RON-SA-PHA-EPUSP-1505- V3

IDENTIFICATION
 CAS: 69-72-7
 EINECS: 200-712-3
SYNONYMS
 2-hydroxybenzoic acid
 orthohydroxybenzoic acid
EMPIRICAL FORMULAC₇H₆O₃**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/mlPoured 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

- Pharmaceutical applications: salicylic acid is a keratolytic agent (mostly used in creams, ointments and shampoos).
- Chemical synthesis: starting material for the synthesis of active pharmaceutical ingredients, antiseptic agents, fragrance chemicals, etc
- Food industry (preservative)
- Personnel care applications: cosmetics

SPECIFICATIONS

Tests	Limit	Method
Identification - infrared absorption	Complies	Ph. Eur. / USP
Identification - retention time of major peak	Complies	USP
Identification - melting point	158 - 161 °C	Ph. Eur.
Appearance of the solution S	Clear and colorless	Ph. Eur.
Assay HPLC (dry basis)	98.0-102.0 %	USP
Assay titration (dry basis)	99.0-100.5 %	Ph. Eur.
Loss on drying	0.5% maximum	Karl Fischer ⁽¹⁾
Chloride	0.0100 % maximum	Ph. Eur. ⁽¹⁾
Sulfate	0.0200 % maximum	USP34 ⁽¹⁾
Heavy Metals	0.0020 % maximum	Ph. Eur.
Sulfated ash / Residue on Ignition	0.05 % maximum	Ph. Eur. / USP (harmonized)
Related Substances		
4-Hydroxybenzoic acid (Compound A)	0.1 % maximum	Ph. Eur. (HPLC) ⁽¹⁾
4-Hydroxyisophthalic acid (Compound B)	0.05 % maximum	
Phenol	0.01 % maximum	
Other Impurities > 0.05%	none	
Total impurities	0.2 % maximum	

Notes: (1) validated against USP method

PRODUCT DATA SHEET RON-SA-PHA-EPUSP-1505- V3
FRANCE

REGULATORY

EU: Certificate of Suitability ref. CEP 1993-008, current version

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

INCI Name: Salicylic acid

REACH: Registration # 01-2119486984-17-0000

Regulatory support is provided to assist our customers in their registration process.

PACKAGING

- White paper bags (polyethylene inner liner) of 25 kg net weight, printing in green 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

- INLAND
 - SEA FREIGHT (OMI)
 - AIR FREIGHT (IATA)
- International Legislation (RID-ADR) | 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

The information contained in this document is given in good faith based on our current knowledge. It is only an indication and is in no way binding, particularly as regards infringement of or prejudice to third party rights through the use of our products. We guarantee that our products comply with our sales specifications.

This information must on no account be used as a substitute for necessary prior tests which alone can ensure that a product is suitable for a given use. Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorizations. Users are requested to check that they are in possession of the latest version of this document and we are at their disposal to supply any additional information.

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