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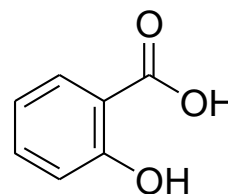
IDENTIFICATION:

CAS: 69-72-7
EINECS: 200-712-3

SYNONYMS:

2-hydroxybenzoic acid
orthohydroxybenzoic acid

STRUCTURAL FORMULA:



EMPIRICAL FORMULA:

$C_7H_6O_3$

MOLECULAR WEIGHT:

$M_R = 138.12$

Nouzové telefonní číslo: +420224919293 , +420224915402 (telefon 24hod/
denně) Toxikologické informační středisko, Na Bojišti 1, 128 08 Praha2)

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:

- 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



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) or 800 x 1200 mm pallet (Euro) 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
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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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