

Ekokoza s.r.o  
Fryčovice 297  
73945, Fryčovice  
eshop@ekokoza.cz  
+420605779993



## SALICYLIC ACID

### Pharmaceutical Grade

Ph.D. Eur., USP grade  
CRYSTALLINE POWDER  
Roussillon, FRANCE  
[1/4]

PRODUCT DATA SHEET RON-SA-PHA-EPUSP-1606- V4

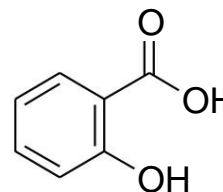
#### IDENTIFICATION:

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

#### SYNONYMS:

2-hydroxybenzoic acid  
ortho-hydroxybenzoic acid

#### STRUCTURAL FORMULA:



#### EMPIRICAL FORMULA:

C<sub>7</sub>H<sub>6</sub>O<sub>3</sub>

#### MOLECULAR WEIGHT:

MR = 138.12

Emergency telephone number: +420224919293, +420224915402 (phone 24h/  
daily) Toxicological information center, Na Bojišti 1, 128 08 Prague 2)

#### PHYSICO-CHEMICAL PROPERTIES: A

white, crystalline powder or white or colorless, acicular crystals. Not hygroscopic.

Tapped density (d<sub>1250</sub>) ..... 0.70 to 0.80 g/ml

Poured density (d<sub>0</sub>) ..... 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)
- Personal care applications: cosmetics



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### SPECIFICATIONS:

Tests:	Limit:	Methods:
Identification - infrared absorption	Complies	Ph.D. Eur. / USP
Identification - retention time of major peak Complies		USP
Identification - melting point	158 - 161 °C	Ph.D. Eur.
Appearance of the solution S	Clear and colorless	Ph.D. Eur.
Assay HPLC (dry basis)	98.0-102.0%	USP
Assay titration (dry basis)	99.0-100.5%	Ph.D. Eur.
Loss on drying	0.5% maximum	Karl Fischer(1)
Chloride	0.0100% maximum	Ph.D. Eur.(1)
Sulphates	0.0200% maximum	USP34(1)
Heavy Metals	0.0020% maximum	Ph.D. Eur.
Sulfated ash / Residue on Ignition	0.05% maximum	Ph.D. Eur. / USP (harmonized)
Related Substances		
4-Hydroxybenzoic acid (Compound A)	0.1 % maximum	Ph.D. 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



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### Regulators:

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

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- 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:

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

Not regulated

### Storage Conditions:

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



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### Safety Instructions:

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Please consult our material safety data sheet

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### DISCLAIMER:

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