



Specialized in chemicals

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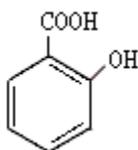
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Technical Data Sheet

Salicylic acid

Product Information

Chemical Name	Salicylic acid
CAS #	69-72-7
EINECS	200-712-3
Formula	C ₇ H ₆ O ₃
Molecular Weight	86.1
Synonyms	Benzoic acid -2hydroxycy salicylic acid
Chemical Structure	



Description

Glycolic acid is a kind of powder, tech.grade in pale pink to white green appearance, while higher grade is white powder. Odorless, sweet first and then hot, no chemical change in the air. Atmospherically sublimation temperature over 76°C. Easily to decarboxylate and change into phenol and carbon dioxide when heated atmospherically, and its aqueous solution appears acid reaction, become purple with FeCl₃, slightly dissolves in water but dissolves in boiling water easily. Soluble in ethanol or ether and slightly soluble in Chloroform.

Physical Properties

Melting point, °C .	157
Boiling range, °C	211
Density @ 20°C, g/cm ³	1.44
PH	2.4

Specification

Item	Industrial Grade	Sublimed Grade	Pharm.Grade
Purity, % min.	99.0	99.0	99.0-100.5
Phenol, % max.	0.20	0.10	0.10
Melting point, °C max	156	158	158

Sulphate ash, % max.	0.30	0.20	0.1
Loss on drying, % max.			0.50
Mositure. % max.	0.50	0.40	0.40
Heavy metals, ppm max			20
Sulphate, % max			200

Safety

Salicylic acid is a common goods on transportation.
Always refer to the Material Safety Data Sheet (MSDS)

Applications

1, Cosmetic industry: It has a good' scrub, clean pores' capacity, safety, skin irritation and even lower than the other acid, thereby becoming the new darling of skin care products;
It can also dilute the pigmentation spots, reduce pores, remove fine wrinkles and improve the effects of aging caused by sun exposure!

2, Pharmaceutical industry: It is a highly versatile disinfection preservative, which can be used to inhibit synthesis of sulfonamide nitrogen, antipyretic analgesics aspirin, sodium salicylate.

3, Chemical industry: It can be used in pesticides. Dye and rubber making.

Packaging

25kg per fiber drum
25kg craft bag
18mt-20mt per 20ft container

Storage & Handling

Salicylic acid is very stable in air at normal temperature,however, it is combustible. Materials recommended for storage in cool and ventilated place, away from fire, heat source, stored separately from oxidant, alkali. Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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