

Salicylic Acid, USP

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

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Supersedes: 11-Feb-2020

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Salicylic Acid, USP	Distributor:	MakingCosmetics Inc.
Synonyms:	2-hydroxy-benzoic acid, Orthohydroxybenzoic acid, Salicylic acid USP	Address:	10800 231 st Way NE
INCI Name:	Salicylic Acid		Redmond, WA 98053 (USA)
CAS Number:	69-72-7	Phone / Fax:	425-292-9502 / 425-292-9601
Formula:	No data available	Web:	www.makingcosmetics.com
Product Form:	Solid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification:	Acute toxicity (oral) Category 4 Serious eye damage/eye irritation Category 1 Reproductive toxicity Category 2 Combustible Dust.												
GHS Labeling:	DANGER												
GHS Hazard Pictograms:													
GHS Hazard Statements:	Harmful if swallowed. Serious eye damage/eye irritation. Suspected of damaging the unborn child. May form combustible dust concentrations when mixed with air.												
GHS Precautionary Statements:	P201: Obtain special instructions before use. P280: Wear protective gloves, eye protection, face protection. P308/P313: If exposed or concerned: Get medical advice/attention. P305/P351/P338: If eye contact occurs; rinse cautiously with water for several minutes. and remove any contact lenses. Continue rinsing. P337/P313: If eye irritation persists, get medical attention. P501: Dispose of contents/container to an approved waste disposal plant.												
Potential Health Hazards:	Eyes: Causes serious eye damage. Inhalation: Not expected to be an irritant. Skin: May cause mild irritation to skin. Ingestion: Harmful if swallowed. Seek medical attention.												
NFPA Ratings (704):	<table border="0"> <tr> <td style="background-color: #0070C0; color: white;">Health</td> <td style="text-align: center;">2</td> <td>Moderate</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td style="text-align: center;">1</td> <td>Slight</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">Reactivity</td> <td style="text-align: center;">0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td colspan="2">N/A</td> </tr> </table>	Health	2	Moderate	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	N/A	
Health	2	Moderate											
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Specific Hazard	N/A												

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Salicylic Acid	69-72-7	≥ 99	Not Available

4 FIRST AID MEASURES

Eyes: Rinse immediately and thoroughly, pulling the eyelids well away from the eye for at least 15 minutes. This product can cause serious damage to eyes. Consult an eye specialist immediately.

Inhalation:	Remove from exposure area to fresh air promptly. Seek medical attention if necessary.
Skin:	Immediately remove contaminated clothing or footwear. Wash off with soap and plenty of water. Seek medical attention if necessary.
Ingestion:	This product can cause nausea, vomiting, and abdominal pain. Give nothing to drink. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Seek medical attention if necessary.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media (Water spray, Foam, Powder) for adjacent fire. No unsuitable extinguish media found.
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots. Do not allow run-off from fire-fighting to enter drains or water courses. Cool down the containers exposed to heat with a water spray.
Flash Points:	157 °C (Closed cup)
Specific hazards arising from the chemical:	Hazardous combustion products (on combustion or on thermal decomposition (pyrolysis) releases): Toxic vapors Carbon oxides (CO, CO ₂) Phenol. This product is combustible and has a risk of dust explosions. Avoid creation or spreading of dust. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Avoid contact with skin and eyes. Do not breath dust. Mark out the contaminated area with signs and prevent access to unauthorized personnel. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Avoid liquid release into sewers/public water/environment. If leak occurs, stop leak if safe to do so. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	Containment: Shovel into suitable and closed container for disposal. Methods for cleaning up: Decontaminate and wash the floor with Sodium hydroxide (2 -5%). Wash off with plenty of water. Recover the cleaning water for subsequent disposal. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Ground the equipment. Handle under inert gas. Protect from moisture. Provide adequate ventilation. Avoid contact with skin and eyes. Do not expose pregnant or breastfeeding women. Always wash hands after handling the product. Do not eat, drink or smoke during use. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Store in original container, in a well-ventilated place. Recommended packing materials include: stainless steel, plastic materials, polyethylene, polypropylene. Packing material to avoid: some plastics, and steel. Protect from light. Keep away from open flames, hot surfaces, and sources of ignition. Keep container tightly closed. Protect from moisture. Avoid Alkalis and caustic products and oxidizing materials (see section 10 for incompatibilities).
Technical Measures:	The floor of the depot should be impermeable and designed to form a water-tight basin.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Salicylic Acid	Not available		

TWA: Time Weighted Average over 8 hours of work.
 TLV: Threshold Limit Value over 8 hours of work.
 REL: Recommended Exposure Limit
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection:

Eyes:	Safety glasses with side shields should be worn.
Inhalation:	Breathing apparatus with filter. When handling product in bulk, wear particle filter (EN 143). Provide adequate ventilation.

Body:	Wear suitable gloves. The protective gloves to be used must comply with the specifications of the regulation 2016/425 and the resultant standard EN 374. Breakthrough time: refer to the recommendations of the supplier Suitable protective clothing should be worn.
Other:	Extraction to remove dust at its source. Use good personal hygiene practices. Emergency eyewash fountains should be available in the immediate vicinity of any potential exposure to areas of use and handling. Wear suitable protective clothing.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Solid	Vapor Pressure:	0.0002 hPa (25 °C)
Odor:	Odorless	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	White	Flammability:	Not flammable. (Test N.1 Test method for readily combustible solids)
Molecular Mass:	138.12 g/mol	Upper/lower Explosive Limit:	No data available
pH:	2.4 (2 % (m/v)) (Aqueous solution)	Flash Point:	157 °C (Closed cup)
Boiling Point:	256 °C (1013 hPa)	Specific Gravity/Density:	1.44 g/cm ³ (20 °C)
Melting Point:	157 -160 °C	Solubility:	Soluble: Ether, Acetone, Ethanol, Chloroform, Water: 2 g/l (20 °C)
Bulk Density:	700 -800 kg/m ³ (Tamped product) /400 -500 kg/m ³ (Non tamped product)	Auto-Ignition Temperature:	549 °C
Partition Coefficient: n-octanol/water:	≈ 2	Decomposition Temperature:	230 °C (2 K/min)
Viscosity:	No data available	Explosive Limits/Properties:	Limit: ≥ 30 g/m ³ Properties: Dust may form explosive mixture in air
Oxidizing Properties:	Non oxidizing material.	Minimum Ignition energy:	3 -10 mJ (MIKE 3)
Sublimation Point:	76 °C	Other Properties:	Dust explosion constant: 259 bar.m/s. Minimum ignition temperature: 340 °C

10 STABILITY AND REACTIVITY

Reactivity:	This product does not present any particular risk, under normal conditions of use
Chemical Stability:	Stable at ambient temperature and under normal conditions of use.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	High temperatures.
Incompatible Materials:	Alkalis and caustic products. Oxidizing materials.
Hazardous Decomposition Products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced
Possible Hazardous Reactions:	Risk of dust explosion

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Harmful if swallowed.
Skin:	LD50: >2000 mg/kg
Eyes:	Causes serious eye damage. Extremely irritating to rabbits on ocular application. pH: 2.4 (2 % (m/v)) (Aqueous solution)
Respiratory:	LC50: >0.9 mg/L (1h) (dust)
Ingestion:	LD50: 891 mg/kg (Ingestion may cause nausea and vomiting. Abdominal pain.)
Carcinogenicity:	Not classified.
Teratogenicity:	NOAEL (rat): 50 mg/kg
Germ Cell Mutagenicity:	Not classified.
Embryotoxicity:	No data available
Specific Target Organ Toxicity:	No data available

Reproductive Toxicity:	Suspected of damaging the unborn child. NOAEL (P): 225 mg/kg bw/day NOAEL (F1): 67.5 mg/kg bw/day NOAEL (F2): 67.5 mg/kg bw/day NOAEL (oral): 50 mg/kg NOAEL (oral, 4mo): 45.4 mg/kg NOAEL (oral, 24mo): 45.4 mg/kg
Respiratory/Skin Sensitization:	Not classified.
Skin Corrosion:	Not classified pH: 2.4 (2 % (m/v)) (Aqueous solution)
Respiratory/Skin Sensitization:	Not classified.
Irritation:	Causes eye irritation.
STOT Repeated Dose Toxicity:	Not classified.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
Aquatic Vertebrate:	LC50: 1380 mg/L/96h (Pimephales promelas)
Aquatic Invertebrate:	LC50: 870 mg/L (48h) (Daphnia magna) NOEC: 10 mg/L (21d) (Daphnia magna)
Terrestrial:	ErC50: >100 mg/L (72h) (Desmodesmus subspicatus)
Persistence and Degradability:	Readily Biodegradable. 100% biodegradation (14 days).
Bioaccumulative Potential:	Not potentially bioaccumulable
Mobility in Soil:	Mobile
PBT and vPvB Assessment:	No data available
Other Adverse Effects:	No data available

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Avoid release into the environment. Incinerate at a licensed installation. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.
Product Containers:	Completely empty the packaging prior to decontamination. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	In accordance with DOT.
TDG (Transportation of Dangerous Goods, Canada):	Not applicable.
IMDG (International Maritime Dangerous Goods):	Not regulated.
IATA (International Air Transport Association):	Not regulated.
ICAO (International Civil Aviation Organization):	Not applicable.

15 REGULATORY INFORMATION

TSCA Inventory Status:	Listed
Sara Section 313:	Not subject to reporting requirements
Sara Section 311/312 Hazard Classes:	Health hazard: Acute toxicity (any route of exposure). Health hazard: Serious eye damage or eye irritation. Physical hazard: Combustible dust.
DSCL (EEC):	No data available
WHMIS (Canada):	No data available
DSL (Canada):	Listed
EINECS (European Inventory of Existing Commercial	Listed

Chemical Substances):

China IECSC:	No data available
China IECIC (06.30.2014):	No data available
Australia AICS:	Listed
Japanese MITI:	No data available
Japan ENCS:	No data available
Philippines PICCS:	No data available
Korea KECL:	No data available
New Zealand NZIoC:	No data available
California Prop. 65:	This product does not contain any substances known to the State of California to cause cancer and/or reproductive toxicity.

16 OTHER INFORMATION

Revision Date: 14-Feb-2024

Compliance: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.