

Sodium PCA

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

Revision Date: 15-Nov-2024
Supersedes: 11-Jun-2019

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Sodium PCA	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Water, Sodium PCA, Sodium Salicylate, Sodium Benzoate	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	7732-18-5, 28874-51-3, 54-21-7, 532-32-1	Web:	www.makingcosmetics.com
Formula:	No data available	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)
Product Form:	Liquid		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

Classification:	Skin irritation: Category 2 Eye Irritation: Category 2A												
Signal Word:	WARNING!												
Hazard Pictograms:													
Hazard Statements:	H315: Causes mild skin irritation. H319: Causes serious eye irritation. H302: Harmful if swallowed. H402: Harmful to aquatic life.												
Precautionary Statements:	(Prevention) P264: Wash skin thoroughly after handling. P270: Do not Eat, drink or smoke when using this product. P280: Wear eye protection/ face protection. P301+P312: IF SWALLOWED, call a Poison Center or Doctor/Physician if you feel unwell. P302 + P352: IF ON SKIN: Wash with plenty of soap and water. P330: Rinse mouth. P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313: If eye irritation persists: Get medical advice/ attention. P501: Dispose of contents/container to an approved waste disposal plant.												
Potential Health Hazards:	Eyes: Causes serious eye irritation. Inhalation: May be an irritant. Skin: Causes mild skin irritation. Ingestion: Harmful if swallowed.												
NFPA Ratings (704):	<table border="0"> <tr> <td style="background-color: #0070C0; color: white;">Health</td> <td style="text-align: center;">1</td> <td style="padding-left: 20px;">Slight</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td style="text-align: center;">1</td> <td style="padding-left: 20px;">Slight</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">Reactivity</td> <td style="text-align: center;">0</td> <td style="padding-left: 20px;">Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td colspan="2" style="text-align: center;">N/A</td> </tr> </table>	Health	1	Slight	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	N/A	
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Flammability	1	Slight											
Reactivity	0	Minimal											
Specific Hazard	N/A												

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Water	7732-18-5	45 - 55%	Not Available
Sodium PCA	28874-51-3	25 - 35%	Not Available
Sodium Salicylate	54-21-7	1 - 10%	Not Available
Sodium Benzoate	532-32-1	1 - 10%	Not Available

4 FIRST AID MEASURES

Eyes:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical advice.
Inhalation:	Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis. If breathed in, move person into fresh air. Seek medical attention if necessary.
Skin:	Skin contact may aggravate existing skin disease. In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Seek medical attention. Wash contaminated clothing before re-use.
Ingestion:	Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. If victim is conscious: Rinse with water. Keep at rest. Do not give anything to drink. Do not leave the victim unattended. Vomiting may occur spontaneously. Risk of product entering the lungs on vomiting after ingestion. Lay victim on side. Seek medical attention.
Physician Notes:	Show this material safety data sheet to the doctor in attendance. First responder needs to protect himself. Place affected apparel in a sealed bag for subsequent decontamination. All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Treat symptomatically. There is no specific antidote available.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperatures. Use appropriate media (carbon dioxide (CO ₂) dry powder, water spray) for surrounding environment and adjacent fire. Do not use a high-volume water jet as an extinguisher.
Special protective equipment & precautions for firefighters:	Wear self-contained breathing apparatus (NIOSH/MSHA) and full protective clothing, including eye protection and boots. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Flash Points:	> 266 °F (130°C)
Specific hazards arising from the chemical:	Will burn under fire conditions (following evaporation of water). Container may rupture on heating. Hazardous decomposition products formed under fire conditions. On combustion or on thermal decomposition (pyrolysis), releases: Carbon oxides. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Material can create slippery conditions. 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:	Do not flush into surface water or sanitary sewer system. Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems. Spills may be reportable to the National Response Center (800-424-8802) and to state and/or local agencies.
Methods and material for containment and cleaning up:	Stop the leak. Turn leaking containers leak-side up to prevent the escape of liquid. Dam up with sand or inert earth (do not use combustible materials). Recovery steps: Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Keep in suitable, closed containers for disposal. Never return spills in original containers for re-use. Decontamination/Cleaning: Wash off with plenty of water. Clean contaminated surface thoroughly. Recover the cleaning water for subsequent disposal. Decontaminate tools, equipment and personal protective equipment in a segregated area. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Avoid inhalation of vapor or mist. Avoid contact with skin and eyes. Avoid splashes. Handle in accordance with good industrial hygiene and safety practice. Freezing will affect the physical condition but will not damage the material. Thaw and mix before using. Avoid localized overheating. Vent drums while heating Homogenize before using. Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet. Wash exposed skin promptly to remove accidental splashes or contact with material. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
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Conditions for safe storage, incl. any incompatibilities: Store at room temperature in the original container. Keep in a dry, cool place. Keep away from direct sunlight. Keep away from open flames, hot surfaces and sources of ignition. Recommended packing materials include plastic drums, plastic materials. Do not store in uncoated metals. Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Sodium PCA	None		

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: Wear safety glasses with side protection shields. Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material.

Inhalation: Use effective exhaust ventilation system. When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations.

Body: Wear suitable protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Wear impervious protective clothing and footwear protecting against chemicals and slipping. Remove and wash contaminated apparel.

Other: Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid	Vapor Pressure:	No data available
Odor:	Characteristic	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Colorless to light yellow	Flammability:	Flammable
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	> 266° F (130°C)
Boiling Point:	No data available	Specific Gravity:	1.14 - 1.20
Melting/Freezing Point:	No data available	Water Solubility:	No data available
Relative Density:	No data available	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	No data available	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Metal Corrosion:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical Stability:	No data available.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	No data available.
Incompatible Materials:	No data available.
Hazardous Decomposition Products:	No data available.
Possible Hazardous Reactions:	No data available.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
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Skin:	No data available.
Eyes:	No data available.
Inhalation:	No data available.
Ingestion:	(Rat, Oral) Acute oral toxicity; LD50: > 2000 mg/kg (Calculated).
Carcinogenicity:	No data available.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	No data available.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	No data available.
Reproductive Toxicity:	No data available.
Sensitization:	Did not cause allergic skin reactions when tested in humans.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	Do not allow to enter soil, waterways or waste water.
Aquatic Vertebrate:	No data available.
Aquatic Invertebrate:	No data available.
Terrestrial:	No data available.
Persistence and Degradability:	When diluted may be degraded in biological purification plants.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	No data available.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	In accordance with regulations for special waste, must be taken to a special waste disposal site. 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.
Product Containers:	Regulations concerning reuse or disposal of used packaging materials must be observed. Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. 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):	Not regulated.
TDG (Transportation of Dangerous Goods, Canada):	Not regulated.
IMDG (International Maritime Dangerous Goods):	Not regulated.
IATA (International Air Transport Association):	Not regulated.
ICAO (International Civil Aviation Organization):	No data available.

15 REGULATORY INFORMATION

TSCA Inventory Status:	Yes (positive listing). On TSCA Inventory.
California Prop. 65:	None of the components are listed.
SARA 311/312 Hazards:	Product is only listed under an acute health hazard.
SARA 313:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
SARA 302:	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 304 RQ:	This material does not contain any components with a section 304 Extremely Hazardous Substance Reportable Quantity.
SARA 302 RQ:	This material does not contain any components with a SARA 302 Reportable Quantity.
CERCLA RQ:	This material does not contain any components with a CERCLA Reportable Quantity.
Canada (DSL):	Yes (positive listing). All components of this product are on the Canadian DSL.

Canada (NDSL):	This product and/or its components are not listed on NDSL.
EU (EINECS):	The product and/or its components are listed on EINECS.
EU (ELINCS):	The product and/or its components are not listed on ELINCS.
China (IECSC):	No data available.
Australia (AICS):	Yes (positive listing). On the inventory, or in compliance with the inventory.
Japan (ENCS):	Yes (Positive listing). All components of this product are on the ENCS List.
Philippines (PICCS):	No data available.
Korea (KECI):	No data available.
New Zealand (NZIoC):	No data available.

16 OTHER INFORMATION

Revision Date:	15-Nov-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.