

## Benzyl Alcohol-SAL


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

Revision Date: 12-Dec-2025  
Supersedes: 10-Oct-2025

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Benzyl Alcohol-SAL	<b>Distributor:</b>	MakingCosmetics Inc.
<b>Synonyms:</b>	No data available	<b>Address:</b>	10800 231 <sup>st</sup> Way NE Redmond, WA 98053 (USA)
<b>INCI Name:</b>	Benzyl alcohol (and) Salicylic Acid (and) Glycerin (and) Sorbic Acid	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	100-51-6, 69-72-7, 56-81-5, 110-44-1	<b>Web:</b>	<a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a>
<b>Formula:</b>	No data available	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)
<b>Product Form:</b>	Liquid		
<b>Product Use:</b>	Cosmetic use		

### 2 HAZARDS IDENTIFICATION

GHS Classification:	Acute toxicity (Oral): Category 4 Serious eye damage: Category 1 Skin Sensitization: Sub-category 1B Not a dangerous substance according to GHS		
GHS Labeling:			
Hazard Pictograms:			
Signal word:	<b>DANGER!</b>		
Hazard Statements:	H302: Harmful if swallowed. H317: May cause an allergic skin reaction. H318: Causes serious eye damage.		
Precautionary Statements:	(Prevention) P261: Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. P264: Wash skin thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P272: Contaminated work clothing should not be allowed out of the workplace. P280: Wear protective gloves/ eye protection/ face protection. (Response) P301 + P312 + P330: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. P302 + P352 IF ON SKIN: Wash with plenty of water. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310: Immediately call a POISON CENTER/ doctor. P333 + P313: If skin irritation or rash occurs: Get medical advice/attention. P362 + P364: Take off contaminated clothing and wash it before reuse. (Storage) P402 + P404: Store in a dry place. Store in a closed container. P410 + P403: Protect from sunlight. Store in a well-ventilated place. (Disposal) P501: Dispose of contents/container in accordance with local regulation.		
Potential Health Hazards:	Eyes: Causes serious eye damage. Inhalation: May be an irritant. Skin: May cause an allergic skin reaction. Ingestion: May cause nausea, vomiting, or diarrhea.		
NFPA Ratings (704):	Health	3	Serious
	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>
Benzyl Alcohol	100-51-6	≥ 70 - < 90	Not Available
Salicylic Acid	69-72-7	≥ 15 - < 20	Not Available
Glycerin	56-81-5	≥ 5 - < 10	Not Available
Sorbic Acid	110-44-1	≥ 3 - < 5	Not Available

## 4 FIRST AID MEASURES

<b>Eyes:</b>	Rinse immediately with plenty of lukewarm water, also under the eyelids, for at least 15 minutes. Call a physician immediately. Remove contact lenses. Keep eye wide open while rinsing. Protect unharmed eye. Continue rinsing eyes during transport to hospital. Small amounts splashed into eyes can cause irreversible tissue damage and blindness. Treat symptomatically.
<b>Inhalation:</b>	Move to fresh air. Consult a physician after significant exposure. If unconscious, place in recovery position and seek medical advice. If breathing is irregular or stopped, administer artificial respiration. Keep respiratory tract clear. Treat symptomatically.
<b>Skin:</b>	After contact with skin, wash immediately with plenty of soap and water. If on clothes, remove clothes. In the case of skin irritation or allergic reactions see a physician. Treat symptomatically.
<b>Ingestion:</b>	Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Treat symptomatically.

## 5 FIRE-FIGHTING MEASURES

<b>Suitable (and unsuitable) extinguishing media:</b>	May be combustible at high temperatures. Use appropriate media (Water spray, Alcohol-resistant foam, Dry chemical) for adjacent fire. Do not use a direct water jet.
<b>Special protective equipment &amp; precautions for firefighters:</b>	In the event of a fire, wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots. Use water spray to cool unopened containers. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
<b>Flash Points:</b>	270°F (132°C)
<b>Specific hazards arising from the chemical:</b>	Heating or fire can release toxic gas. Hazardous combustion products include Carbon oxides (COx). Do not allow run-off from firefighting to enter drains or water courses. See also Stability and Reactivity section.

## 6 ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment &amp; emergency procedures:</b>	Do not try to clean up the leak without proper protective equipment. Use a respirator when performing operations involving potential exposure to vapor of the product. See section 8 for recommendations on the use of personal protective equipment.
<b>Environmental precautions:</b>	Prevent further leakage or spillage if safe to do so. Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.
<b>Methods and material for containment and cleaning up:</b>	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).

## 7 HANDLING & STORAGE

<b>Precautions for safe handling:</b>	Do not breathe vapors/dust. Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. To avoid spills during handling keep bottle on a metal tray. Dispose of rinse water in accordance with local and national regulations. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.
<b>Conditions for safe storage, incl. any incompatibilities:</b>	Keep the container tightly closed. Keep in a well-ventilated place. Electrical installations / working materials must comply with the technological safety standards. To maintain product quality, do not store in heat or direct sunlight. To prevent leaks or spillages from spreading, provide a suitable liquid retention system. Keep 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>
Glycerol	5 mg/m <sup>3</sup> (Mist, Respirable fraction)	TWA	OSHA Z-1
	15 mg/m <sup>3</sup> (Mist, Total dust)	TWA	OSHA Z-1

## Personal Protection:

<b>Eyes:</b>	Safety glasses with side-shields conforming to EN166. Wear face-shield and protective suit for abnormal processing problems.
<b>Inhalation:</b>	In the case of vapor formation use a respirator with an approved filter.
<b>Body:</b>	Wear protective gloves (Nitrile Rubber). Break through time: > 480 min; the selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. Choose body protection according to the amount and concentration of the dangerous substance at the workplace. Impervious clothing
<b>Other:</b>	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

<b>Appearance:</b>	Liquid	<b>Vapor Pressure:</b>	No data available
<b>Odor:</b>	Characteristic	<b>Density:</b>	1.05 - 1.15 g/cm <sup>3</sup>
<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate:</b>	No data available
<b>Color:</b>	Clear to Light yellow	<b>Flammability:</b>	No data available
<b>Molecular Weight:</b>	No data available	<b>Upper/lower Explosive Limit:</b>	No data available
<b>pH:</b>	No data available	<b>Flash Point:</b>	270 °F (132 °C)
<b>Boiling Point:</b>	473 °F (245 °C)	<b>Specific Gravity:</b>	No data available
<b>Melting Point:</b>	No data available	<b>Solubility in Water:</b>	slightly soluble
<b>Relative Density:</b>	No data available	<b>Auto-Ignition Temperature:</b>	No data available
<b>Partition Coefficient: n-octanol/water:</b>	No data available	<b>Decomposition Temperature:</b>	No data available
<b>Viscosity:</b>	No data available	<b>Explosive Properties:</b>	No data available
<b>Oxidizing Properties:</b>	No data available	<b>Freezing Point:</b>	No data available

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	No decomposition if stored and applied as directed.
<b>Chemical Stability:</b>	Stable under recommended storage conditions.
<b>Hazardous Polymerization:</b>	Stable under recommended storage conditions.
<b>Conditions to Avoid:</b>	Heat
<b>Incompatible Materials:</b>	Strong acids and strong bases, oxidizing agents
<b>Hazardous Decomposition Products:</b>	No decomposition if stored and applied as directed.

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	Acute toxicity estimate: 1,130 mg/kg; Method: Calculation method.
<b>Acute Oral toxicity:</b>	Component: Benzyl alcohol; Acute toxicity estimate: 1,200 mg/kg; Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008. Component: Salicylic acid LD50 (Rat): 891 mg/kg.
<b>Acute Inhalation Toxicity:</b>	Component: Benzyl alcohol; LC50 (Rat): > 4.178 mg/l; Exposure time: 4 hours; Test atmosphere: dust/mist; Assessment: The substance or mixture has no acute inhalation toxicity. Salicylic acid LC50 (Rat): > 0.9 mg/l; Exposure time: 1 hours; Test atmosphere: dust/mist; Assessment: The substance or mixture has no acute inhalation toxicity
<b>Acute Dermal Toxicity:</b>	Component: Benzyl alcohol; LD50 (Rabbit): estimated > 2 000 mg/kg Assessment: The substance or mixture has no acute dermal toxicity Component: Salicylic acid; LD50 (Rat): > 2 000 mg/kg Assessment: The substance or mixture has no acute dermal toxicity, Not classified due to inconclusive data.
<b>Serious Eye Damage/Eye Irritation:</b>	Benzyl alcohol (Rabbit) Method: OECD Test Guideline 405; Result: Irritation to eyes, reversing after 7 to 21 days. Component: Salicylic acid; (Rabbit) Assessment: Risk of serious damage to eyes. Result: Severe eye irritation
<b>Ingestion:</b>	No data available.

<b>Carcinogenicity:</b>	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
<b>Germ Cell Mutagenicity:</b>	Component: Benzyl alcohol; Test Type: Ames test Result: negative, Test Type: gene mutation test, (Mouse lymphoma cells) Result: equivocal, Test Type: Chromosome aberration test in vitro Result: positive. Genotoxicity in vivo: Test Type: In vivo micronucleus test (Mouse) Application Route: ip, Dose: 50 -100-200 mg/kg Result: negative Component: Salicylic acid; Test Type: Ames test Species: Salmonella typhimurium Metabolic activation: yes; Result: negative
<b>Reproductive Toxicity:</b>	Component: Benzyl alcohol (Mouse, female) Application Route: Oral Dose: 10 days; Fertility: NOAEL: 550mg/kg food
<b>Skin Corrosion:</b>	Component: Benzyl alcohol; (Rabbit) Exposure time 4 hours; Method: OECD Test Guideline 404; Result: No skin irritation. Component: Salicylic acid; (Rabbit) Assessment: No skin irritation; Method: OECD Test Guideline 404; GLP: Yes.
<b>Sensitization:</b>	Component: Benzyl alcohol; The product is a skin sensitizer, sub-category 1B. May cause sensitisation of susceptible persons by skin contact. Dermal absorption possible.
<b>Other Adverse Effects:</b>	Ozone-Depletion Potential: Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances. Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

## 12 ECOLOGICAL INFORMATION

### Ecotoxicity

<b>Aquatic Vertebrate:</b>	Component: Benzyl alcohol; LC50 (Leuciscus idus (Golden orfe)): 646 mg/l Exposure time: 48 hours; Method: DIN 38412 Part 15 LC50 (Pimephales promelas (fathead minnow)): 460 mg/l Exposure time: 96 hours
<b>Aquatic Invertebrate:</b>	Component: Benzyl alcohol; EC50 (Daphnia magna (Water flea)): 230 mg/l Exposure time: 48 hours; Method: OECD Test Guideline 202. Component: Benzyl alcohol; NOEC: 51 mg/l Exposure time: 21 days; Species: Daphnia magna (Water flea) Method: OECD Test Guideline 211.
<b>Algae/aquatic plants:</b>	Component: Benzyl alcohol IC50 (Pseudokirchneriella subcapitata (green algae)): 770 mg/l; Exposure time: 72 hours; Method: OECD Test Guideline 201 NOEC (Pseudokirchneriella subcapitata (green algae)): 310 mg/l Exposure time: 72 hours; Method: OECD Test Guideline 201. ErC50 (Pseudokirchneriella subcapitata (green algae)): 700 mg/l Exposure time: 72 hours; Method: OECD Test Guideline 201.
<b>Microorganisms:</b>	Component: Benzyl alcohol; EC50 (Pseudomonas putida): 658 mg/l Exposure time: 16 hours; Remarks: Literary reference. EC50 (Photobacterium phosphoreum): 71 mg/l; Exposure time: 30 min; Remarks: Literary reference.
<b>Persistence and Degradability:</b>	Component: Benzyl alcohol; Result: Readily biodegradable; Biodegradation: 95 -97%; Exposure time: 21 days; Method: OECD Test Guideline 301A; Result: Readily biodegradable; Biodegradation: 92 -96% Exposure time: 14 days; Method: OECD Test Guideline 301C.
<b>Bioaccumulative Potential:</b>	Component: Benzyl alcohol; Bioconcentration factor (BCF): 4 Remarks: Literary reference Does not bioaccumulate.
<b>Mobility in Soil:</b>	No data available.
<b>PBT and vPvB Assessment:</b>	No data available.
<b>Other Adverse Effects:</b>	No data available.

## 13 DISPOSAL CONSIDERATIONS

<b>Waste Residues:</b>	Do not dispose of waste into sewer. 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.
<b>Product Containers:</b>	Dispose of as unused product. Do not re-use empty containers. 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 dangerous goods.
TDG (Transportation of Dangerous Goods, Canada):	Not dangerous goods.
IMDG (International Maritime Dangerous Goods):	Not dangerous goods.
IATA (International Air Transport Association):	Not dangerous goods.
ICAO (International Civil Aviation Organization):	No data available.
ADR/RID (Road and Rail Transportation):	Not dangerous goods.

## 15 REGULATORY INFORMATION

CERCLA Reportable Quantity:	This material does not contain any components with a CERCLA RQ.
SARA 304 EHS RQ:	This material does not contain any components with a section 304 Extremely Hazardous Substances Reportable Quantity.
SARA 311/312 Hazards:	See above SECTION 2. Hazard Identification-GHS Classification
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.
Clean Air Act:	This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B). This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F) The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489): Benzyl alcohol (CAS-No: 100-51-6) $\geq 70$ - $< 90\%$ , Salicylic acid (CAS-No: 69-72-7) $\geq 10$ - $< 20\%$ , Glycerol (CAS-No: 56-81-5) $\geq 5$ - $< 10\%$ , Hexa-2,4-dienoic acid (CAS-No: 110-44-1) $\geq 1$ - $< 5\%$ . This product does not contain any VOC exemptions listed under the U.S. Clean Air Act Section 450.
Clean Water Act:	This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3. This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A. This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307.
MA Right to Know:	Benzyl alcohol (CAS-No: 100-51-6), Glycerol (CAS-No: 56-81-5)
PA Right to Know:	Benzyl alcohol (CAS-No: 100-51-6), Glycerol (CAS-No: 56-81-5), Salicylic acid (CAS-No: 69-72-7), Hexa-2,4-dienoic acid (CAS-No: 110-44-1).
California Prop. 65:	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.
Canada NPRI:	Canadian National Pollutant Release Inventory (NPRI): No component is listed on NPRI.

## 16 OTHER INFORMATION

Revision Date:	12-Dec-2025
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.