

Benzylalcohol-DHA


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

Revision Date: 08-13-2015
Supersedes 10-30-2012

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Benzylalcohol-DHA	Distributor:	MakingCosmetics.com Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Benzyl alcohol, dehydroacetic acid	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	100-51-6, 520-45-6, 7732-18-5	Web:	www.makingcosmetics.com
Formula:	Not available	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)
Product Form:	Liquid		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

GHS Classification:	Acute Tox. 4, Eye Irrit. 2, Eye Dam. 1												
GHS Signal Word:	WARNING												
GHS Hazard Pictograms:													
GHS Hazard Statements:	H302: Harmful if swallowed H312: Harmful in contact with skin H318: Causes serious eye damage H319: Causes serious eye irritation H332: Harmful if inhaled												
GHS Precautionary Statements:	P281: Use personal protective equipment as required P273: Avoid release to the environment.												
Potential Health Hazards:	Eyes: Causes irritation and/or eye damage. Inhalation: May be irritant. Skin: May be irritant. Ingestion: May be irritant.												
NFPA Ratings (704):	<table border="1"> <tr> <td>Health</td> <td>1</td> <td>Slight</td> </tr> <tr> <td>Flammability</td> <td>1</td> <td>Slight</td> </tr> <tr> <td>Reactivity</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td>n/a</td> <td></td> </tr> </table>	Health	1	Slight	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	n/a	
Health	1	Slight											
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	80-99%	108.14 g/mol ⁻¹
Dehydroacetic acid	520-45-6	1-20%	168.15 g/mol ⁻¹
Water (Aqua)	7732-18-5	1-10%	18.01528 g/mol

4 FIRST AID MEASURES

Eyes:	In case of eye contact, rinse with plenty of water and seek medical attention if necessary
Inhalation:	Move casualty to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if necessary.
Skin:	Flush with plenty of water and wash using soap.
Ingestion:	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get medical attention if necessary.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media (foam, carbon dioxide, dry chemical) for adjacent fire. Do not use water.
Special protective equipment &	Wear self-contained, approved breathing apparatus and full protective clothing, including eye

precautions for firefighters: protection and boots.
Flash Points: CLOSED CUP: >93.33°C (200°F)
Specific hazards arising from the chemical: May emit toxic fumes under fire conditions. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions: Not available
Methods and material for containment and cleaning up: Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling: See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.
Conditions for safe storage, incl. any incompatibilities: Store in cool, dry well ventilated area. Keep away from heat and 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>
Benzylalcohol	Not available		
Dehydroacetic 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: Not required, but wear chemical safety glasses or goggles.
Inhalation: Not needed under normal conditions of use.
Body: Slip proof shoes may be worn where spills may occur
Other: Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State:	Liquid	Vapor Pressure:	Not available
Odor:	Not available	Vapor Density:	Not available
Taste:	Not available	Evaporation Rate:	Not available
Color:	Clear-light yellow	Flammability:	May be combustible
Molecular Weight:	Not available	Upper/lower Explosive Limit:	Not available
pH (1% sol. in water)	2-7	Flash Point:	>93.33°C (200°F)
Boiling Point:	>200°C (392°F) estimated	Specific Gravity:	Not available
Melting Point:	Not available	Solubility:	Water soluble

10 STABILITY AND REACTIVITY

Reactivity: Product is stable
Chemical Stability: Product is stable
Hazardous Polymerization: Will not occur
Conditions to Avoid: Avoid strong oxidizers
Incompatible Materials: None known
Hazardous Decomposition Products: Thermal decomposition may produce vapors/fumes of other organic materials and oxides of carbon and nitrogen.

11 TOXICOLOGICAL INFORMATION

No toxicity information for this product. The toxicity information provided is for component(s) of this product.

Acute Toxicity:	Benzyl Alcohol: Acute oral toxicity LD50 (rat): 1230 mg/kg, LD50 (mouse): 1360 mg/kg Dehydroacetic Acid: Acute oral toxicity LD50 (rat): 1480 mg/kg
Skin:	Benzyl Alcohol: dermal LD50 (rabbit): 2000 mg/kg, skin irritation (rabbit): not an irritant Dehydroacetic Acid: skin irritation (rabbit): not an irritant
Eyes:	Benzyl Alcohol: eye irritation (rabbit): moderate irritant Dehydroacetic Acid: no data available
Respiratory:	Benzyl Alcohol: inhalation LC50 (rat 4 hour): >4180 mg/m3 Dehydroacetic Acid: no data available
Ingestion:	Not available
Carcinogenicity:	Not available
Teratogenicity:	Not available
Germ Cell Mutagenicity:	Not available
Embryotoxicity:	Not available
Specific Target Organ Toxicity:	Not available
Reproductive Toxicity:	Not available
Skin Sensitization:	Benzyl Alcohol (guinea pig): not a sensitizer Dehydroacetic Acid: no data available

12 ECOLOGICAL INFORMATION

Ecotoxicity	
Aquatic Vertebrate:	Not available
Aquatic Invertebrate:	Not available
Terrestrial:	Not available
Persistence and Degradability:	Not available
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available
PBT and vPvB Assessment:	Not available
Other Adverse Effects:	Not available

13 DISPOSAL CONSIDERATIONS

Waste Residues:	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:	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):	Not regulated

15 REGULATORY INFORMATION

TSCA Inventory Status:	Currently listed
DSCL (EEC):	Currently listed on Canadian DSL
WHMIS (Canada):	Class D2B
U.S. FDA	This material is regulated by the US Food and Drug Administration (FDA) as a cosmetic ingredient. It can only be used as preservative for cosmetics formulations. 40 CFR 370: Benzyl Alcohol: Hazard Category- A/Immediate (Acute).
California:	Components present in this material which the State of California has found to cause cancer, birth defects or other reproductive harm are as follows: Benzene (71-43-2): 0.1 ppm; N-Nitroso-diethanolamine (116-54-7): 50 ppb; Propylene Oxide (75-56-9): 0.5 ppm; Toluene (108-88-3): trace

16 OTHER INFORMATION

Revision Date: 08-13-2015

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.