

Benzylalcohol-DHA


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

Revision Date: 19-Mar-2021
Supersedes: 13-Aug-2015

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 | | |
| Product Form: | Liquid | | |
| Product Use: | Cosmetic use | Emergency Telephone Number: | 1-800-424-9300 (Chemtrec) |

2 HAZARDS IDENTIFICATION

| | | | | | | | | | | | | | |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----|-----|--------------|-----|-----|------------|-----|-----|-----------------|-----|--|
| GHS Classification: | Acute Tox. 4 Eye Dam. 2 | | | | | | | | | | | | |
| GHS Signal Word: | WARNING | | | | | | | | | | | | |
| GHS Hazard Pictograms: |  | | | | | | | | | | | | |
| GHS Hazard Statements: | H302: Harmful if swallowed. H319: Causes serious eye irritation. H332: Harmful if inhaled. | | | | | | | | | | | | |
| GHS Precautionary Statements: | P280: Wear protective gloves/protective clothing/eye protection/face protection. P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P261: Avoid breathing. P312: Call a POISON CENTER or doctor/physician if you feel unwell. P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P337 + P313: If eye irritations persists: Get medical advice/attention. | | | | | | | | | | | | |
| 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>N/A</td> <td>N/A</td> </tr> <tr> <td>Flammability</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Reactivity</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Specific Hazard</td> <td colspan="2">N/A</td> </tr> </table> | Health | N/A | N/A | Flammability | N/A | N/A | Reactivity | N/A | N/A | Specific Hazard | N/A | |
| Health | N/A | N/A | | | | | | | | | | | |
| Flammability | N/A | N/A | | | | | | | | | | | |
| Reactivity | N/A | N/A | | | | | | | | | | | |
| Specific Hazard | N/A | | | | | | | | | | | | |

3 COMPOSITION/INFORMATION ON INGREDIENTS

| Component | CAS No. | Weight % | Molecular Weight |
|--------------------|-----------|----------|----------------------------|
| Benzyl Alcohol | 100-51-6 | 50-90% | 108.14 g/mol ⁻¹ |
| Dehydroacetic acid | 520-45-6 | 1-10% | 168.15 g/mol ⁻¹ |
| Water (Aqua) | 7732-18-5 | 1-10% | 18.01528 g/mol |

4 FIRST AID MEASURES

Eyes: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

Inhalation: Remove affected person from source of contamination. Perform artificial respiration if breathing has stopped. Inhalation may cause coughing, tightness of the chest, and irritation of the respiratory system. Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Skin: If necessary, remove contaminated clothing and wash skin with soap and water. Get medical attention if any discomfort continues.

Ingestion: If necessary, rinse mouth and provide fresh air. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get medical attention if any discomfort continues.

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 & precautions for firefighters: Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots. Containers close to fire should be removed or cooled with water.

Flash Points: No data available

Specific hazards arising from the chemical: Products of combustion are toxic. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: In case of spills, beware of slipper floors and surfaces. 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. Notify environmental authorities in case of large leaks.

Methods and material for containment and cleaning up: Absorb with inert, damp, non-combustible material, then flush area with water. Shovel into dry containers. Cover and move the containers. Flush the area with water. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling: Avoid spilling, skin and eye contact. Ensure adequate ventilation of the working area. Adopt best manual handling considerations when handling, carrying, and dispensing. 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 tightly closed container in a cool, dry well-ventilated area. Keep away from heat, sparks, and open flame. Protect from freezing and direct sunlight, 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 | No data available | | |
| Dehydroacetic acid | No data 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: If risk of splashing, wear safety goggles or splash shield.

Inhalation: In processes where mists and vapors may be generated, a NIOSH/MSHA jointly approved respiratory is advised in the absence of proper environmental controls.

Body: Wear apron or protective clothing in case of splashes. Protective gloves should be used if there is a risk of direct contact or splash.

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

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|--------------------|---------------------|------------------------|-------------------|
| Appearance: | Clear yellow liquid | Vapor Pressure: | No data available |
| Odor: | No data available | Vapor Density: | No data available |

| | | | |
|------------------------------------------------|-------------------|-------------------------------------|-------------------|
| Odor Threshold: | No data available | Evaporation Rate: | No data available |
| Color: | No data available | Flammability: | No data available |
| Molecular Weight: | No data available | Upper/lower Explosive Limit: | No data available |
| pH Direct @ 25 °C: | No data available | Flash Point: | No data available |
| Boiling Point: | >200 °C | Specific Gravity: | 1.075 (water = 1) |
| Melting Point: | No data available | Solubility in Water: | Slightly soluble |
| 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 | Freezing Point: | No data available |

10 STABILITY AND REACTIVITY

| | |
|------------------------------------------|------------------------------------------------------|
| Reactivity: | Thermal decomposition: No decomposition up to 100 °C |
| Chemical Stability: | Stable under normal temperature conditions. |
| Hazardous Polymerization: | No data available |
| Conditions to Avoid: | No data available |
| Incompatible Materials: | No data available |
| Hazardous Decomposition Products: | No data available |

11 TOXICOLOGICAL INFORMATION

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|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acute Toxicity: | No specific health warnings noted. |
| Skin: | No specific health warnings noted. |
| Eyes: | Spray and vapor in the eyes may cause irritations and smarting. |
| Respiratory: | In high concentrations, vapors may irritate throat and respiratory system and cause coughing. |
| Ingestion: | No specific health warnings noted. No harmful effects expected in amounts likely to be ingested by accident. |
| 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 |
| Respiratory/Skin Sensitization: | No data available |
| Corrosivity: | No data available |
| Sensitization: | No data available |
| Irritation: | No data available |
| Repeated Dose Toxicity: | No data available |
| Medical Symptoms: | No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals. Persons with rash are directed to skin expert for examination of allergic eczema. |

12 ECOLOGICAL INFORMATION

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|---------------------------------------|------------------------------------------------------------------------------------------|
| Ecotoxicity | Do not allow to enter soil, waterways, or wastewater. |
| Aquatic Vertebrate: | No data available |
| Aquatic Invertebrate: | No data available |
| Terrestrial: | No data available |
| Persistence and Degradability: | Biologically degradable, 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

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|------------------------|-----------------------------------------------------------------------------------------------------------|
| Waste Residues: | Users should review their operations in terms of the applicable federal/national or local regulations and |
|------------------------|-----------------------------------------------------------------------------------------------------------|

Product Containers: consult with appropriate regulatory agencies if necessary before disposing of waste product container. 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

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|----------------------------------------------------------|-------------------|
| DOT (Dept. of Transportation, USA): | No data available |
| TDG (Transportation of Dangerous Goods, Canada): | No data available |
| IMDG (International Maritime Dangerous Goods): | No data available |
| IATA (International Air Transport Association): | No data available |
| ICAO (International Civil Aviation Organization): | No data available |

15 REGULATORY INFORMATION

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|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TSCA Inventory Status: | No data available |
| DSCL (EEC): | No data available |
| WHMIS (Canada): | No data available |
| EU EINECS/ELINCS/NLP: | No data available |
| China IECSC: | No data available |
| China IECIC (06.30.2014): | No data available |
| Australia AICS: | No data available |
| Japanese MITI: | No data available |
| Philippines PICCS: | No data available |
| Korea KECL: | No data available |
| EU Legislation: | Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well a Council Directive 76/69/EEC and Commission Directives 91/155/EEC, 93/105EC, and 2000/21/EC, including amendments. |

16 OTHER INFORMATION

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|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Revision Date: | 19-Mar-2021 |
| 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. |