### 1 PRODUCT & COMPANY IDENTIFICATION

- **Product Name:** Benzylalcohol-DHA
- **Distributor:** MakingCosmetics.com Inc.
- **Address:** 10800 231st Way NE
  Redmond, WA 98053 (USA)
- **CAS Number:**
  - Benzyl alcohol: 100-51-6
  - Dehydroacetic acid: 520-45-6
  - Water (Aqua): 7732-18-5
- **Synonyms:** No data available
- **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 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):**
  - Health: 1 (Slight)
  - Flammability: 1 (Slight)
  - Reactivity: 0 (Minimal)
  - Specific Hazard: n/a

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No.</th>
<th>Weight %</th>
<th>Molecular Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzyl Alcohol</td>
<td>100-51-6</td>
<td>80-99%</td>
<td>108.14 g/mol⁻¹</td>
</tr>
<tr>
<td>Dehydroacetic acid</td>
<td>520-45-6</td>
<td>1-20%</td>
<td>168.15 g/mol⁻¹</td>
</tr>
<tr>
<td>Water (Aqua)</td>
<td>7732-18-5</td>
<td>1-10%</td>
<td>18.01528 g/mol</td>
</tr>
</tbody>
</table>

### 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 & washing:** 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

Component
Benzyalcohol
Dehydroacetic acid

Exposure Limits
Not available
Not available

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

Component Exposure Limits Basis Entity

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
Odor: Not available
Taste: Not available
Color: Clear-light yellow
Molecular Weight: Not available
pH (1% sol. in water): 2-7
Boiling Point: >200 °C (392 °F) estimated
Melting Point: Not available

Vapor Pressure: Not available
Vapor Density: Not available
Evaporation Rate: Not available
Flammability: May be combustible
Upper/lower Explosive Limit: Not available
Flash Point: >93.33 °C (200 °F)
Specific Gravity: 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
SDS (Safety Data Sheet)

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). 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-Nitrosodiethanolamine (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 suitableness & completeness of such information for his own particular use.