Gluconolactone SB

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Gluconolactone SB
Synonyms: Not available
INCI Name: Gluconolactone, sodium benzoate, calcium gluconate
CAS Number: 90-80-2, 532-32-1, 299-28-5
Formula: Not available
Product Form: Solid (powder)
Product Use: Cosmetic use

Distributor: MakingCosmetics.com Inc.
Address: 10800 231st Way NE Redmond, WA 98053 (USA)
Phone / Fax: 425-292-9502 / 425-292-9601
Web: www.makingcosmetics.com
Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification: Not classified
GHS Labeling: Not classified
GHS Hazard Pictograms: None
GHS Hazard Statements: None
GHS Precautionary Statements: None
Potential Health Hazards:
Eyes: Not expected to be irritant.
Inhalation: Not expected to be irritant.
Skin: Not expected to be irritant.
Ingestion: Not expected to be irritant.

NFPA Ratings (704):
- Health: 0 Minimal
- Flammability: 0 Minimal
- 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>Gluconolactone</td>
<td>90-80-2</td>
<td>74.25</td>
<td>N/A</td>
</tr>
<tr>
<td>Sodium benzoate</td>
<td>532-32-1</td>
<td>24.75</td>
<td>N/A</td>
</tr>
<tr>
<td>Calcium gluconate</td>
<td>299-28-5</td>
<td>1.0</td>
<td>N/A</td>
</tr>
</tbody>
</table>

4 FIRST AID MEASURES

Eyes: Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. Seek medical attention.
Inhalation: Remove to fresh air. Seek medical attention if necessary.
Skin: Wash skin with soap and water. Seek medical attention if symptoms occur.
Ingestion: Do not induce vomiting. Seek medical attention if symptoms occur.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:
Water, dry chemicals, foam & carbon dioxide.

Special protective equipment & precautions for firefighters:
Firefighters should wear full protective clothing including self-contained breathing apparatus.
Not available.

Flash Points: None known.

Specific hazards arising from the chemical:

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:
See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions: Prevent entry into waterways, sewers, basements or confined areas. Dike and contain spill with inert material (sand, earth, etc). Transfer to containers for recovery or disposal. Wash surface with water.

7 HANDLING & STORAGE

Precautions for safe handling: Handle in accordance with good industrial hygiene and safety practices. Avoid contact with eyes.

Conditions for safe storage, incl. any incompatibilities: Keep container closed. Store in a cool dry place. This product should be stored at room temperature (23-25°C/73-77°F). It should not be exposed to excessive heat or cold. Do not freeze.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Component</th>
<th>Exposure Limits</th>
<th>Basis</th>
<th>Entity</th>
</tr>
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<tr>
<td>Gluconolactone</td>
<td>N/A</td>
<td></td>
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</table>

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

Personal Protection:
Eyes: Safety glasses, goggles, or face shield recommended for eye protection.
Inhalation: Appropriate NIOSH approved respiratory protection may be worn.
Body: Gloves and protective clothing should be worn to prevent prolonged skin contact.
Other: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State: Powder
Odor: Characteristic
Taste: Not available
Color: White to off-white
Molecular Weight: Not available
pH (10% water): Not available
Boiling Point: Not available
Melting Point: Not available

Vapor Pressure: Not available
Vapor Density: Not available
Evaporation Rate: Not available
Flammability: Not available
Upper/lower Explosive Limit: Not available
Solubility: Soluble in water
Flash Point: Not available
Specific Gravity: Not available

10 STABILITY AND REACTIVITY

Reactivity: Stable under normal conditions.
Chemical Stability: Stable under normal conditions.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: Excessive heat.
Incompatible Materials: None known.
Hazardous Decomposition Products: None known.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: Not available
Skin: Non irritant
Eyes: Non irritant
Respiratory: Not available
Ingestion: Not available
Carcinogenicity: No known effects
Teratogenicity: Not available
Germ Cell Mutagenicity: No known effects
Embryotoxicity: Not available
Specific Target Organ Toxicity: Not available
Reproductive Toxicity: No known effects
Respiratory/Skin Sensitization: Not available

12 ECOLOGICAL INFORMATION

Ecotoxicity
   Aquatic Vertebrate: Not available
   Aquatic Invertebrate: Not available
   Terrestrial: Not available
Persistens and Degradability: Biodegradable
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: No data available
DSCL (EEC): This product is not classified according to the EU regulations. Not applicable.
WHMIS (Canada): Not controlled under WHMIS (Canada)

16 OTHER INFORMATION

Revision Date: 03-22-2016
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.