

Coco Glucose


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

Revision Date: 09-15-2015
Supersedes: 06-20-2008

1 PRODUCT & COMPANY IDENTIFICATION

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|----------------------|---|------------------------------------|---|
| Product Name: | Coco Glucose | Distributor: | MakingCosmetics.com Inc. |
| Synonyms: | Surfactant | Address: | 10800 231 st Way NE Redmond, WA 98053 (USA) |
| INCI Name: | Sodium cocoamphoacetate and glycerin, lauryl glucoside and sodium cocoyl glutamate, sodium lauryl glucose carboxylate | | |
| CAS Number: | 7732-18-5, 61791-32-0, 110615-47-9, 68187-30-4, 383178-66-3 | Phone / Fax: | 425-292-9502 / 425-292-9601 |
| Formula: | No data available | Web: | www.makingcosmetics.com |
| Product Form: | Liquid | | |
| Product Use: | Cosmetic use | Emergency Telephone Number: | 1-800-424-9300 (Chemtrec) |

2 HAZARDS IDENTIFICATION

| | | | | | | | | | | | | | |
|--------------------------------------|--|---------|---|---------|--------------|---|--------|------------|---|---------|-----------------|-----|--|
| GHS Classification: | Eye Irrit. 2 | | | | | | | | | | | | |
| GHS Signal Word: | WARNING | | | | | | | | | | | | |
| GHS Hazard Pictograms: |  | | | | | | | | | | | | |
| GHS Hazard Statements: | H319: Causes serious eye irritation H412: Harmful to aquatic life with long lasting effects | | | | | | | | | | | | |
| GHS Precautionary Statements: | P305: If in eyes rinse cautiously with water for several minutes. Remove contact lenses. P501: Dispose of contents in accordance with local regulation. | | | | | | | | | | | | |
| Potential Health Hazards: | Eyes: May be irritant. Inhalation: Not expected to be irritant. Skin: May be irritant. Ingestion: May be irritant. | | | | | | | | | | | | |
| NFPA Ratings (704): | <table border="1"> <tr> <td>Health</td> <td>3</td> <td>Warning</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 | 3 | Warning | Flammability | 1 | Slight | Reactivity | 0 | Minimal | Specific Hazard | n/a | |
| Health | 3 | Warning | | | | | | | | | | | |
| 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> |
|--|----------------|-----------------|-------------------------|
| Glycine, N-[2-[(2-hydroxyethyl)amino]ethyl]-, N'coco acyl derivs., monosodium salts | 61791-32-0 | 10-20% | 211.172 g/mol |
| Glycerol | 56-81-5 | 7-15% | 92.1 g/mol |
| D-Glucopyranose, oligomeric, C10-16-alkyl glycosides | 110615-47-9 | 5-10% | 348.47484 g/mol |
| Sodium chloride | 7647-14-5 | 3-7% | 58.4 g/mol |
| D-Glucopyranose, oligomeric, C10-16-alkyl glycosides, carboxymethyl ethers, sodium salts | 383178-66-3 | 1-5% | No data available |
| L-Glutamic acid, N-coco acyl derivs., monosodium salts | 68187-32-6 | 1-5% | 169.111 g/mol |
| Water (aqua) | 7732-18-5 | N/a | 18.01528 g/mol |
| Fatty acids, coco | 61788-47-4 | 0.3-1% | No data available |

4 FIRST AID MEASURES

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| Eyes: | In case of eye contact, rinse with plenty of water for at least 15 minutes 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

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| Suitable (and unsuitable) extinguishing media: | May be combustible at high temperature. Use appropriate media (foam, carbon dioxide, dry chemical, or water spray) for adjacent fire. |
| Special protective equipment & precautions for firefighters: | Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots. |
| Flash Points (aqueous prep.): | >101°C (213.8°F) |
| Specific hazards arising from the chemical: | May emit toxic fumes under fire conditions. See also Stability and Reactivity section. |

6 ACCIDENTAL RELEASE MEASURES

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| Personal precautions, protective equipment & emergency procedures: | See section 8 for recommendations on the use of personal protective equipment. |
| Environmental precautions: | Do not discharge into drains/surface waters/groundwater. |
| 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

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| Precautions for safe handling: | See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use. Protect against fire and explosion. Take precautionary measures against static discharges. Avoid all sources of ignition: heat, sparks, and open flame. |
| 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). Suitable materials for containers: High density polyethylene (HDPE) |

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

| <u>Component</u> | <u>Exposure Limits</u> | <u>Basis</u> | <u>Entity</u> |
|------------------|--------------------------------|---------------------|---------------|
| Glycerol | PEL 5 mg/m ³ | Respirable fraction | OSHA |
| | PEL 15 mg/m ³ | Total dust | OSHA |
| | TWA value 10 mg/m ³ | Total dust | OSHA |
| | TWA value 5 mg/m ³ | Respirable fraction | OSHA |

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:

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| Eyes: | Wear chemical safety glasses or goggles. |
| Inhalation: | Not needed under normal conditions of use. |
| Body: | Protective gloves, apron, chemical protection suit, and 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

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|------------------------------------|---------------|--------------------------------------|-----------------------------------|
| Appearance, Physical State: | Liquid | Vapor Pressure: | Not available |
| Odor: | Slight odour | Vapor Density: | Not available |
| Taste: | Not available | Evaporation Rate: | Not available |
| Color: | Yellowish | Flammability: | Not flammable |
| Molecular Weight: | 1310.0 g/mol | Upper/lower Explosive Limit: | Not applicable |
| pH (20 °C) (ISO 4316): | 6.5 - 7.5 | Solubility: | Soluble in water |
| Boiling Point: | Not available | Flash Point (aqueous prep.): | >101 °C (213.8 °F) |
| Melting Point: | Not available | Density (20 °C) (ISO 2811-3): | 1.1300 - 1.1450 g/cm ³ |

10 STABILITY AND REACTIVITY

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| Reactivity: | Product is stable |
| Chemical Stability: | Product is stable |
| Hazardous Polymerization: | Will not occur |
| Conditions to Avoid: | See section 7 of SDS - Handling & Storage |
| Incompatible Materials: | None known |
| Hazardous Decomposition Products: | None known |

11 TOXICOLOGICAL INFORMATION

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| Acute Toxicity: | Not considered to be toxic according to the criteria of the OSHA Hazard Communication Standard. Oral: LD50: >5,000 mg/kg |
| Skin: | ATE: >5mg/l, determined for mist |
| Eyes: | May cause severe damage to the eyes |
| Respiratory: | ATE: >20mg/l, determined for vapor ATE: >5mg/l, determined for mist |
| Ingestion: | May be harmful if swallowed in large quantities. No hazard in normal industrial use. Virtually nontoxic after a single ingestion. |
| Carcinogenicity: | The chemical structure does not suggest a specific alert for such an effect. |
| Teratogenicity: | No data available concerning toxicity to development. |
| Genetic Toxicity: | The chemical structure does not suggest a specific alert for such an effect. |
| Repeated Dose Toxicity: | The information available on the product provides no indication of toxicity on target organs after repeated exposure. |
| Specific Target Organ Toxicity: | Classification criteria are not met |
| Reproductive Toxicity: | The chemical structure does not suggest a specific alert for such an effect. |
| Respiratory/Skin Sensitization: | No evidence of skin-sensitizing potential |

12 ECOLOGICAL INFORMATION

The product has not been tested. The statement has been derived from the properties of the individual components.

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| Aquatic Toxicity: | LC50 (fish): >10 - 100 mg/l |
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| | ECO (microorganisms): >100 mg/l |
| Persistence and Degradability: | The organic component of the product is biodegradable. |
| Bioaccumulative Potential: | No data available |
| Mobility in Soil: | Not applicable |
| 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 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

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| DOT (Dept. of Transportation, USA): | Not classified as a dangerous good under transport regulations |
| TDG (Transportation of Dangerous Goods, Canada): | No data available |
| IMDG (International Maritime Dangerous Goods): | Not classified as a dangerous good under transport regulations |
| IATA (International Air Transport Association): | Not classified as a dangerous good under transport regulations |
| ICAO (International Civil Aviation Organization): | Not classified as a dangerous good under transport regulations |

15 REGULATORY INFORMATION

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| TSCA Inventory Status: | Chemical: released/listed; Cosmetic: released/exempt |
| DSCL (EEC): | No data available |
| WHMIS (Canada): | No data available |
| EPCRA 311/312 (Hazard categories): | Acute |
| State Regulations: MA, NJ, PA | Glycerol, CAS 56-81-5 |

16 OTHER INFORMATION

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| Revision Date: | 09-15-2015 |
| 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. |