

Polyglucose


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

Revision Date: 17-Apr-2025
Supersedes: 15-Jan-2019

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Polyglucose	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Decyl Glucoside, Water	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	141464-42-8, 7732-18-5	Web:	www.makingcosmetics.com
Formula:	No data available		
Product Form:	Liquid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

Classification:	Eye Damage: Category 1 Skin Irritation: Category 2												
Signal Word:	DANGER!												
Hazard Pictograms:													
Hazard Statements:	H315: Causes skin irritation. H318: Causes serious eye damage.												
Precautionary Statements:	P264: Wash thoroughly after handling. P280: Wear eye protection and protective gloves. P302 + P352 + IF ON SKIN: Wash with plenty of soap and water. P332 + P313: If skin irritation occurs: Get medical attention. P362 + P364: Take off contaminated clothing and wash it before reuse. P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310: Immediately call a POISON CENTER or doctor.												
Potential Health Hazards:	Eyes: Causes serious eye damage. Inhalation: May be an irritant. Skin: Causes skin irritation. Ingestion: May cause nausea, vomiting, and diarrhea.												
NFPA Ratings (704):	<table border="0"> <tr> <td>Health</td> <td>2</td> <td>Moderate</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	2	Moderate	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	N/A	
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3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Decyl Glucoside	141464-42-8	51 - 55%	Not Available
Water	7732-18-5	45 - 49%	Not Available

4 FIRST AID MEASURES

Eyes:	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Skin:	Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.
Ingestion:	Do Not Induce Vomiting unless instructed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt, or waistband. Get medical attention if symptoms appear.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperatures. Slightly flammable to flammable in presence of heat. Non-flammable in presence of shocks. For small fires, use appropriate media (dry chemical powder) for surrounding environment and adjacent fire. For large fires, use water spray, fog, or foam. Do not use water jet as an extinguisher.
Special protective equipment & precautions for firefighters:	Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points:	No data available.
Specific hazards arising from the chemical:	Products of combustion include carbon oxides (CO, CO ₂). See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	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/environment. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	For small spills, absorb with an inert material and put the spilled material in an appropriate waste disposal. For large spills, absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow evacuating through the sanitary system. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breath gas/fumes/vapor/spray. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Keep container tightly closed. Keep container in a cool, well-ventilated area. Store away from 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>
Polyglucose	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:	Wear safety glasses or splash goggles.
Inhalation:	Wear dust mask with particle filter.
Body:	Wear suitable gloves (e.g. of PVC or nitrile rubber) and full protective clothing, including a full suit and boots. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
Other:	Use good personal hygiene practices. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Vapor Pressure:	No data available
Odor:	Characteristics	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	Negligible
Color:	Yellowish	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	11.5 - 12.5	Flash Point:	No data available
Boiling Point:	No data available	Specific Gravity:	No data available
Melting/Freezing Point:	No data available	Water Solubility:	Soluble in cold/hot water
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:	1000 - 6000 mPa.s.	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Metal Corrosion:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	Air and light sensitive.
Chemical Stability:	The product is stable.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Excess heat, incompatible materials.
Incompatible Materials:	Oxidizing agents.
Hazardous Decomposition Products:	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Possible Hazardous Reactions:	No data available.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	No data available.
Eyes:	No data available.
Inhalation:	No data available.
Ingestion:	(Rat, Oral) CAS: 110615-47-9; LD50: > 5000 mg/kg. (Rat, Oral) CAS: 68515-73-1; LD50: > 2000 mg/kg.
Carcinogenicity:	No data available.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	Based on available data, the classification criteria are not met.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	No data available.
Reproductive Toxicity:	No data available.
Sensitization:	Not known to cause sensitization.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No data available.
Aquatic Vertebrate:	No data available.
Aquatic Invertebrate:	No data available.
Terrestrial:	No data available.
Persistence and Degradability:	No data available.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	Do not allow to enter into ground-water, surface water or drains.

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.
Product Containers:	Soiled packaging cannot be recycled. 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):	No dangerous good in sense of these transport regulations.
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	Not restricted. Not a marine pollutant.
IATA (International Air Transport Association):	Not restricted.
ICAO (International Civil Aviation Organization):	No data available.
ADR/RID (Road and Rail Transportation):	Not restricted.

15 REGULATORY INFORMATION

TSCA Inventory Status:	Released/listed.
Canada (DSL):	No data available.
Canada (WHMIS):	Not controlled under WHMIS.
EU (EINECS):	This product is on the European Inventory of Existing Commercial Chemical Substances. EC# 500-220-1 & 600-975-8.
China (IECSC):	No data available.
Australia (AICS):	No data available.
Japan (ENCS):	No data available.
Philippines (PICCS):	No data available.
Korea (KECI):	No data available.
New Zealand (NZIoC):	No data available.

16 OTHER INFORMATION

Revision Date:	17-Apr-2025
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.