

Butylene Glycol

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

Revision Date: 03-Nov-2021
Supersedes: 24-Feb-2021

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Butylene Glycol	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	1,3 butylene glycol	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	107-88-0	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

GHS Classification: Not classified
GHS Labeling: Not a dangerous substance according to GHS
GHS Hazard Pictograms: None
GHS Hazard Statements: None
GHS Precautionary Statements: P264: Wash... thoroughly after handling.
P420: Store away from incompatible materials.
P501: Dispose of contents/container in accordance with local and federal regulations.

Potential Health Hazards: Eyes: Direct contact with eyes may cause temporary irritation.
Inhalation: Not expected to be irritant.
Skin: Not expected to be irritant.
Ingestion: Expected to be low ingestion hazard.

NFPA Ratings (704):

Health	1	Slight
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>
Butylene Glycol	107-88-0	100%	Not Available

4 FIRST AID MEASURES

Eyes: Rinse with water. Get medical attention if irritation develops and persists.
Inhalation: Move to fresh air. Call a physician if symptoms develop or persist.
Skin: Wash off with soap and water. Get medical attention if irritation develops and persists.
Ingestion: Rinse mouth. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperature. Use appropriate media (water fog, foam, dry chemical power, carbon dioxide (CO₂)) for adjacent fire. Do not use direct water jet.

Special protective equipment & precautions for firefighters: Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots. Move containers from fire area if you can do so without risk. Use standard firefighting procedures and consider the hazards of other involved materials.

Flash Points: 250.00°F (121.11°C)

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:
Environmental precautions:

Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
 Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.

Methods and material for containment and cleaning up:

Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb with vermiculite, dry sand, or earth and place into containers. Following product recovery, flush area with water.
 Small spills: Wipe up with absorbent material (e.g., cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for reuse. For waste disposal, see Section 13.

7 HANDLING & STORAGE

Precautions for safe handling:
Conditions for safe storage, incl. any incompatibilities:

Observe good industrial hygiene practices. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.
 Store in original tightly closed container. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component
 Butylene Glycol

Exposure Limits
 Not available

Basis

Entity

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 with side shields (or goggles).
Inhalation: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. In case of insufficient ventilation, wear suitable respiratory protection.
Body: Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier. Wear suitable protective clothing. Wear appropriate thermal protective clothing, when necessary.
Other: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid	Vapor Pressure:	No data available
Odor:	Weak	Vapor Density:	3.2
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Colorless	Flammability:	Combustible IIIB estimated
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	250.00 °F (121.11 °C)
Boiling Point:	405.5 °F (207.0 °C)	Specific Gravity:	1
Melting Point:	-71.00 °F (-57.22 °C)	Solubility in Water:	No data available
Relative Density:	8.37lbs/gal; 1.00 g/mL	Auto-Ignition Temperature:	741.00 °F (393.89 °C)
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	No data available	Explosive Properties:	Not explosive
Oxidizing Properties:	No data available	Freezing Point:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	No data available
Chemical Stability:	Stable.
Hazardous Polymerization:	No dangerous reaction known under conditions of normal use.
Conditions to Avoid:	No data available
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	No data available

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available
Skin:	Prolonged skin contact may cause temporary irritation.
Eyes:	Direct contact with eyes may cause temporary irritation.
Respiratory:	Not an aspiration hazard. Not a respiratory sensitizer.
Ingestion:	No data available
Carcinogenicity:	Not classifiable as carcinogenic to humans.
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:	Not an aspiration hazard. Not a respiratory sensitizer.
Corrosivity:	No data available
Sensitization:	No data available
Irritation:	No data available
Repeated Dose Toxicity:	No data available

12 ECOLOGICAL INFORMATION

Ecotoxicity	This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
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:	This product contains volatile organic compounds which have a photochemical ozone creation potential.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Follow all Federal, State, and Local regulations for non-hazardous waste disposal. Dispose in accordance with all applicable Federal, State, and Local environmental regulations. For proper disposal of used material, an assessment must be completed to determine the proper and permissible waste management options permissible under applicable rules, regulation, and/or laws governing your locations.
Product Containers:	Follow all Federal, State, and Local regulations for non-hazardous waste disposal. Dispose in accordance with all applicable Federal, State, and Local environmental regulations. Empty containers should be recycled or disposed of through an approved waste management facility.

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 classified as hazardous.
TDG (Transportation of Dangerous Goods, Canada):	No data available
IMDG (International Maritime Dangerous Goods):	Not classified as hazardous. Marine pollutant: N/A
IATA (International Air Transport Association):	Not classified as hazardous.
ICAO (International Civil Aviation Organization):	No data available
Harmonization Code:	2905.39.1000

15 REGULATORY INFORMATION

TSCA Inventory Status:	Registered. TSCA 5(a) SNUR: NO
DSCL (EEC):	No data available
WHMIS (Canada):	No data available
DSL (Canada):	Listed.
EU EINECS/ELINCS/NLP:	Listed.
China IECSC:	Listed.
China IECIC (06.30.2014):	No data available
Australia AICS:	Listed.
Japan ENCS:	Listed.
Philippines PICCS:	Listed.
Korea ECL:	Listed.
New Zealand NZIoC:	Listed.
Taiwan TCSI:	Listed.
SARA Title III Section 313:	Not regulated.
R&D Exemption:	Unknown.
Europe Requirements:	Unknown.
European EU Classification:	Unknown.

16 OTHER INFORMATION

Revision Date:	03-Nov-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.