

Mallow Extract

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

Revision Date: 13-Mar-2024
Supersedes: 26-Jun-2017

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Mallow Extract	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Glycerin, Water, Malva Sylvestris (Mallow) Flower/Leaf/Stem Extract	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	56-81-5, 7732-18-5, 84082-57-5	Web:	www.makingcosmetics.com
Formula:	No data available	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)
Product Form:	Liquid		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

GHS Classification:	Not a hazardous substance or mixture.												
GHS Labeling:	Not a hazardous substance or mixture.												
GHS Hazard Pictograms:	None.												
GHS Hazard Statements:	None.												
GHS Precautionary Statements:	None.												
Potential Health Hazards:	Eyes: Not expected to be an irritant. Inhalation: Not expected to be an irritant. Skin: Not expected to be an irritant. Ingestion: May cause nausea, vomiting, and diarrhea.												
NFPA Ratings (704):	<table border="0"> <tr> <td style="background-color: #0070C0; color: white;">Health</td> <td style="text-align: center;">0</td> <td>Minimal</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td style="text-align: center;">1</td> <td>Slight</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">Reactivity</td> <td style="text-align: center;">0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td style="text-align: center;">N/A</td> <td></td> </tr> </table>	Health	0	Minimal	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	N/A	
Health	0	Minimal											
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>
Glycerin	56-81-5	> 50%	Not Available
Water	7732-18-5	25-50%	Not Available
Malva Sylvestris (Mallow) Flower/Leaf/Stem Extract	84082-57-5	1-5%	Not Available
Citric Acid	77-92-9	0.1-1%	Not Available
Sodium Benzoate	532-32-1	0.1-1%	Not Available
Potassium Sorbate	24634-61-5	0.1-1%	Not Available

4 FIRST AID MEASURES

Eyes:	Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. Seek medical attention if necessary.
Inhalation:	Move to fresh air. Seek medical attention if necessary.
Skin:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Seek medical attention if necessary.
Ingestion:	Clean mouth with water and drink plenty of water afterwards. Do not give milk or alcoholic beverages. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Seek medical attention if necessary.
General:	Treat symptomatically. No hazards which require special first aid measures.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media (alcohol-resistant foam, dry chemical). Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. No unsuitable extinguish media listed.
Special protective equipment & precautions for firefighters:	Follow standard procedure for chemical fires. Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points:	ca. 403°F (206°C)
Specific hazards arising from the chemical:	Product will burn under fire conditions.

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:	Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Handle in accordance with good industrial hygiene and safety practices. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	To maintain product quality, do not store in heat or direct sun-light. Keep container tightly closed and dry. 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>
Glycerol	10 mg/m ³ (Mist - total dust)	TWA	OSHA P0
	5 mg/m ³ (Mist - respirable fraction)	TWA	OSHA P0
Ethanol	1,000 ppm	TWA	OSHA Z-1
	1,900 mg/m ³		
	1,000 ppm	TWA	NIOSH REL
	1,900 mg/m ³		
	1,000 ppm	STEL	ACGIH

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:	Safety glasses should be worn.
Inhalation:	Not needed under normal conditions of use but an air-purifying respirator is recommended.
Body:	Wear gloves with nitrile rubber and lightweight protective clothing.
Other:	Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid, viscous	Vapor Pressure:	No data available
Odor:	Characteristic	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Yellow to brown	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	3.6 - 5.1	Flash Point:	ca. 403°F (206°C)
Boiling Point/Range:	ca. 110 - 115°C	Specific Gravity:	No data available

Refractive Index:	1.419 - 1.439 (25°C)	Water Solubility:	Soluble
Relative Density:	1.10 - 1.25 (20°C)	Other Solubility:	Insoluble in oil and fats.
Partition Coefficient: n-octanol/water:	No data available	Thermal Decomposition:	Decomposes on heating. Potential for exothermic hazard.
Explosive Properties:	Not explosive	Ignition Temperature:	Ca. 813°F (434°C)

10 STABILITY AND REACTIVITY

Reactivity:	No hazards to be specially mentioned.
Chemical Stability:	Stable under recommended storage conditions.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	Heat.
Incompatible Materials:	Strong acids and strong bases. Strong oxidizing agents.
Hazardous Decomposition Products:	No decomposition if used as directed.
Possible Hazardous Reactions:	Avoid heat, strong acids, strong bases, and strong oxidizing agents.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	> 5,000 mg/kg.
Skin:	No skin irritation (human, Patch Test 48 hours).
Eyes:	No data available.
Respiratory:	No data available.
Ingestion:	No data available.
Carcinogenicity:	No indication for carcinogenicity known.
IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.
OSHA:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
Specific Target Organ Toxicity:	The substance or mixture is not classified as specific target organ toxicant, single exposure.
Reproductive Toxicity:	No indication for adverse effects on fertility known.
Sensitization:	No data available.
Aspiration Toxicity:	No aspiration toxicity classification.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No data available.
Aquatic Vertebrate:	No data available.
Aquatic Invertebrate:	No data available.
Terrestrial:	No data available.
Persistence and Degradability:	Biodegradable (Information refers to the main component).
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	This substance/mixture contains no components considered to be either persistent, Bioaccumulative and toxic (PBT), or very persistent and very Bioaccumulative (vPvB) at levels of 0.1% or higher.
Other Adverse Effects:	Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances. Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

13 DISPOSAL CONSIDERATIONS

Waste Residues:	User must determine if any wastes generated exhibit hazardous characteristics as per 40 CFR Part 261 or other national/local legislation. Offer surplus and non-recyclable solutions to a licensed disposal company. Dispose of contents/container in accordance with all applicable local regulations.
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Product Containers: Empty containers should be taken to an approved waste handling site for recycling or disposal. Dispose of contents/container in accordance with all applicable local regulations.

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 as dangerous goods.
UNRTDG (U.N. Recommendations on Transport)	Not regulated as dangerous goods.
IMDG (International Maritime Dangerous Goods):	Not regulated as dangerous goods.
IATA (International Air Transport Association):	Not regulated as dangerous goods.
ICAO (International Civil Aviation Organization):	No data available.
49 CFR (Code of Federal Regulations):	Not regulated as dangerous goods.

15 REGULATORY INFORMATION

TSCA List:	No substances are subject to a Significant New Use Rule. No substances are subject to TSCA 12(b) export notification requirements.
CERCLA Reportable Quantity:	This material does not contain any components with a CERCLA RQ.
SARA 304 (Extremely Hazardous Substances):	This material does not contain any components with a section 304 EHS RQ.
SARA 311/312 Hazards:	No SARA Hazards.
SARA 302:	This material does not contain any components with a section 302 EHS TPQ.
SARA 313:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
Clean Air Act:	This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B). This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F). The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489): glycerol (56-81-5): 58.82%.
Clean Water Act:	This product does not contain any Hazardous Substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A. This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act, Section 311, Table 117.3. This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307.
MA Right to Know:	Glycerol (56-81-5).
PA Right to Know:	Glycerol (56-81-5), Water (7732-18-5), Mallow, Malva Sylvestris Extract (84082-57-5).

16 OTHER INFORMATION

Revision Date:	13-Mar-2024
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.