

Butcher's Broom Extract

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
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1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Butcher's Broom Extract	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Glycerin, Water, Ruscus Aculeatus Root Extract		
CAS Number:	56-81-5, 7732-18-5, 84012-38-4	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

Classification:	Not classified.		
Labeling:	Not a dangerous substance according to GHS.		
Hazard Pictograms:	None.		
Hazard Statements:	H302: Harmful if swallowed. H319: Causes serious eye irritation.		
Precautionary Statements:	None.		
Potential Health Hazards:	Eyes: Causes serious eye irritation. Inhalation: Not expected to be an irritant. Skin: Not expected to be an irritant. Ingestion: Harmful if swallowed.		
NFPA Ratings (704):	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	38.5 - 40.5%	Not Available
Water	7732-18-5	38.5 - 40.5%	Not Available
Ruscus Aculeatus Root Extract	84012-38-4	18 - 22%	Not Available
Phenoxyethanol	122-99-6	0.9 - 1.1%	Not Available

4 FIRST AID MEASURES

Eyes:	Rinse eyes with water as a precaution. Treat symptomatically.
Inhalation:	Remove person to fresh air and keep comfortable for breathing. Treat symptomatically.
Skin:	Wash skin with plenty of water. Treat symptomatically.
Ingestion:	Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Call a poison center/doctor/physician if you feel unwell. Treat symptomatically.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	No direct fire or explosion hazard. Use appropriate media (water spray, dry powder, foam, carbon dioxide) for surrounding environment and adjacent fire. Do not use a solid water stream as it may scatter and spread fire.
Special protective equipment & precautions for firefighters:	Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots. Fight fire from safe distance and protected location. Do not enter fire area without

Flash Points:	proper protective equipment. >212°F (>100°C)
Specific hazards arising from the chemical:	Hazardous decomposition products include carbon dioxide and carbon monoxide. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Evacuate unnecessary personnel. Stop leak if safe to do so. Ventilate spillage area. 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:	Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible, without risk. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Not expected to present a significant hazard under anticipated conditions of normal use. Ensure good ventilation of the work station. Wear personal protective equipment. Do not eat, drink or smoke when using this product. 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 in a cool, well-ventilated place away from heat. Keep cool. Protect from sunlight. Store always product in container of same material as original container. 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>
Glycerin	15 mg/m ³ (mist, total particulate)	TWA	OSHA - PEL
	5 mg/m ³ (mist, respirable fraction)	TWA	OSHA - PEL

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.
Inhalation:	Ensure good ventilation of the work station. In case of insufficient ventilation, wear suitable respiratory equipment.
Body:	Wear chemical protective gloves and suitable protective clothing.
Other:	Use good personal hygiene practices. Avoid release to the environment. 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:	Characteristic	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Pale yellow to yellow	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	4 - 7	Flash Point:	>212°F (>100°C)
Boiling Point:	No data available	Specific Gravity:	No data available
Melting Point:	Not applicable	Water Solubility:	No data available
Relative Density:	1.05 - 1.2	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water (Log Pow):	Glycerin: -1.76 Phenoxyethanol: 1.2	Decomposition Temperature:	No data available

	Ruscus Aculeatus Root Extract:		
	1.83		
Viscosity:	No data available	Explosive Properties:	None reported
Oxidizing Properties:	None reported	Metal Corrosion:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	The product is non-reactive under normal conditions of use, storage and transport.
Chemical Stability:	Stable under normal conditions.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	None under recommended storage and handling conditions.
Incompatible Materials:	No data available.
Hazardous Decomposition Products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Possible Hazardous Reactions:	No dangerous reactions known under normal conditions of use.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	Not classified. No symptoms/effects under normal conditions.
Component	
Glycerin:	(Rabbit, Dermal) LD50: >10 g/kg.
Phenoxyethanol:	(Rat, Male/Female, Dermal) LD50: 14391 mg/kg; 24 hours; 48 days.
Ruscus Aculeatus Root	(Rabbit, Dermal) LD50: 5 ml/kg.
Extract:	(Rabbit, Dermal) LD50: 5000 mg/kg (ECHA_API).
Eyes:	Not classified. No symptoms/effects under normal conditions.
Inhalation:	Not classified. No symptoms/effects under normal conditions.
Component	
Glycerin:	(Rat, Inhalation) LC50: > 2.75 mg/l; 4 hours.
Phenoxyethanol:	(Rat, Inhalation) LC50: > 0.057 mg/l; Exposure time: 8 hours.
Ingestion:	Not classified. No symptoms/effects under normal conditions.
Component	
Glycerin:	(Rat, Oral) LD50: 12600 mg/kg.
Phenoxyethanol:	(Rat, Male/Female, Oral) LD50: 1850 mg/kg body weight; 14 days (OECD 401, Experimental value).
Ruscus Aculeatus Root	
Extract:	(Rat, Oral) LD50: 10000 mg/kg body weight.
Carcinogenicity:	Not classified.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	Not classified.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	Not classified for single or repeated exposure.
Component	
Phenoxyethanol:	(Rat, Oral) LOAEL: > 700 mg/kg body weight; Repeated Dose 90-Day Oral Toxicity Study in Rodents (OECD Guideline 408).
	Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents (Guideline: EPA OPPTS 870.3100).
	(Rat/Rabbit, Dermal) LOAEL: > 500 mg/kg body weight; Subchronic Dermal Toxicity: 90-Day Study (Guideline: OECD Guideline 411).
	(Rat/Rabbit, Dermal) NOAEL: 500 mg/kg body weight (Guideline: OECD Guideline 411).
Reproductive Toxicity:	Not classified.
Component	
Phenoxyethanol:	(Mouse, Male, F1) LOAEL ≈ 1875 mg/kg body weight.
	(Mouse, Female, F1) LOAEL ≈ 1875 mg/kg body weight.
Respiratory/Skin Sensitization:	Not classified.
Skin Corrosion/Irritation:	Not classified.
Aspiration Hazard:	Not classified.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
Aquatic Vertebrate:	
Component	
Glycerin:	(Oncorhynchus mykiss) [static] LC50: 51 - 57 ml/l, Exposure time: 96 hours.
Phenoxyethanol:	(Leuciscus idus) 220 - 460 mg/l; 96 hours; Static system; Fresh water; Experimental value; Nominal concentration (DIN 38412: German standard methods for the examination of water, waste water and sludge) (Pimephales promelas) [static] LC50: 366 mg/l; Exposure time: 96 hours.
Aquatic Invertebrate:	
Component	
Glycerin:	(Daphnia magna) EC50: > 10000 mg/l, 24 hours; Static system; Fresh water; Experimental value; Locomotor effect.
Phenoxyethanol:	(Daphnia magna) EC50: > 500 mg/l; 48 hours; Static system; Fresh water; Experimental value; Behavior (Equivalent or similar to OECD 202).
Ruscus Aculeatus Root Extract:	(Daphnia magna) EC50: > 100 mg/l.
Algae:	
Component	
Phenoxyethanol:	(Desmodesmus subspicatus) ErC50: > 100 mg/l; Alga; Growth Inhibition Test; 72 hours; Static system; Fresh water; Experimental value; Nominal concentration (OECD 201).
Persistence and Degradability:	Glycerin: Readily biodegradable in water. Water: Not applicable. Phenoxyethanol: Readily biodegradable in water.
Bioaccumulative Potential:	Glycerin: Not Bioaccumulative. Phenoxyethanol: Low potential for bioaccumulation (Log Kow < 4).
Mobility in Soil:	Glycerin: Highly mobile in soil. Phenoxyethanol: Highly mobile in soil.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	No data 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.
Product Containers:	Do not re-use empty containers. Dispose of contents/container in accordance with licensed collector's sorting instructions. 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 for transport.
TDG (Transportation of Dangerous Goods, Canada):	Not regulated for transport.
IMDG (International Maritime Dangerous Goods):	Not regulated for transport.
IATA (International Air Transport Association):	Not regulated for transport.
ICAO (International Civil Aviation Organization):	No data available.

15 REGULATORY INFORMATION

TSCA Inventory Status:	All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, except for: Ruscus Aculeatus Root Extract; CAS: 84012-38-4; 18 - 22%.
California Prop. 65:	This product does not contain any substances known to the state of California to cause cancer,

NJ Right to Know:	developmental and/or reproductive harm.
PA Right to Know:	Glycerin, CAS: 56-81-5.
MA Right to Know:	Glycerin, CAS: 56-81-5.
Canada (DSL):	No data available.
EU (EINECS):	No data available.
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:	31-Jul-2026
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.