

Knotgrass Flavonoids

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

Revision Date: 06-Oct-2021
Supersedes: 06-May-2019

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Knotgrass Flavonoids	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Polygonum Aviculare (knotgrass) extract	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	7732-18-5, 7732-18-5, 84604-04-6, 24634-61-5, 532-32-1	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 classified												
GHS Labeling:	Not a dangerous substance according to GHS												
GHS Hazard Pictograms:	None												
GHS Hazard Statements:	None												
GHS Precautionary Statements:	None												
Potential Health Hazards:	Eyes: May cause eye irritation. Inhalation: May cause respiratory irritation. Skin: May cause skin irritation. Ingestion: May cause gastrointestinal irritation.												
NFPA Ratings (704):	<table border="1"> <tr> <td>Health</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Flammability</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Reactivity</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Specific Hazard</td> <td>N/A</td> <td></td> </tr> </table>	Health	N/A	N/A	Flammability	N/A	N/A	Reactivity	N/A	N/A	Specific Hazard	N/A	
Health	N/A	N/A											
Flammability	N/A	N/A											
Reactivity	N/A	N/A											
Specific Hazard	N/A												

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Water	7732-18-5	75.0-85.0%	Not Available
Glycerin	56-81-5	15.0-25.0%	Not Available
Polygonum Aviculare Extract	84604-04-6	0.8-2.0%	Not Available
Potassium Sorbate	24634-61-5	0.4%	Not Available
Sodium Benzoate	532-32-1	0.4%	Not Available

4 FIRST AID MEASURES

Eyes:	Immediately rinse with water for a prolonged period while holding the eyelids wide open. Consult an ophthalmologist if irritation persists.
Inhalation:	Move the affected person away from the contaminated area and into the fresh air. Get medical advice and attention if you feel unwell.
Skin:	Wash with plenty of soap and water. If irritation persists, consult a doctor.
Ingestion:	Rinse mouth out with water. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get medical advice and attention if you feel unwell.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media (carbon dioxide (CO ₂), powder, foam, water spray) for adjacent fire. Do not use solid water stream.
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots. Contain the extinguishing fluids by bunding. Use water spray or fog for

Flash Points: cooling exposed containers.
Specific hazards arising from the chemical: Not applicable (aqueous liquid)
 Carbon oxides (CO, CO₂). Acrolein. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: Avoid contact with skin and eyes. Do not breathe vapors. 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: Contain the spilled material by bunding. Do not allow product to spread into the environment.

Methods and material for containment and cleaning up: Take up liquid spill into absorbent material, e.g.: sand, earth, vermiculite, kieselguhr, powdered limestone. Wash contaminated area with large amounts of water. Dispose of contaminated materials in accordance with current regulations.

7 HANDLING & STORAGE

Precautions for safe handling: Avoid contact with skin and eyes. Do not breathe vapors. Do not drink, eat or smoke in the workplace. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.

Conditions for safe storage, incl. any incompatibilities: Keep container tightly closed. Store in dry, well-ventilated area. Store in a dark area. Keep away from heat. Avoid freezing (-0.4°F tested). Room temperature (68°F). Keep 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	10 mg/m ³ 15 mg/m ³	TWA TWA (total)	ACGIH 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: Safety glasses should be worn.

Inhalation: If the ventilation is suitable, it is not essential to wear respiratory equipment.

Body: Protective gloves. The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN 374. Breakthrough time: refer to the recommendations of the supplier. Suitable protective clothing should be worn.

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:	Clear to slightly turbid liquid	Vapor Pressure:	No data available
Odor:	Characteristic	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Yellowish to brownish	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	4.0-6.0	Flash Point:	Not applicable (aqueous liquid)
Boiling Point:	No data available	Specific Gravity:	No data available
Melting Point:	No data available	Solubility in Water:	Miscible
Relative Density:	1.03-1.07	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available

Viscosity:	No data available	Explosive Properties:	Not explosive
Oxidizing Properties:	Non oxidizing material according to EC criteria	Freezing Point:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	To our knowledge, the product does not present any particular risk.
Chemical Stability:	Stable at ambient temperature and under normal conditions of use.
Hazardous Polymerization:	None to our knowledge.
Conditions to Avoid:	Heat. Light sensitive. Avoid freezing (-0.4°F tested).
Incompatible Materials:	Strong oxidizing agents. Sulfuric acid. Phosphoric acid. Acetic anhydride.
Hazardous Decomposition Products:	On combustion or on thermal decomposition (pyrolysis) releases: Carbon oxides (CO, CO ₂). Acrolein

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not classified.
Skin:	No data available
Eyes:	Negligible cytotoxicity
Respiratory:	No data available
Ingestion:	No data available
Carcinogenicity:	Not classified.
Teratogenicity:	No data available
Germ Cell Mutagenicity:	Non-mutagenic.
Embryotoxicity:	No data available
Specific Target Organ Toxicity:	Not classified.
Reproductive Toxicity:	Not classified.
Respiratory/Skin Sensitization:	Non sensitizing (cutaneous sensitization).
Corrosivity:	Non-irritant.
Sensitization:	No data available
Irritation:	Non-irritant.
Repeated Dose Toxicity:	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:	EC50: >223.1 mg/L (48h) (<i>Daphnia</i>)
Aquatic Invertebrate:	No data available
Terrestrial:	No data available
Persistence and Degradability:	Readily biodegradable. 14d: 90% and 28d: 100%
Bioaccumulative Potential:	No data available
Mobility in Soil:	No data available
PBT and vPvB Assessment:	No data available
Other Adverse Effects:	No data available

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Do not discharge into drains or rivers. Dispose of in accordance with relevant local regulations.
Product Containers:	Empty the packaging completely prior to disposal. Recycle or dispose of in compliance with current legislation.

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
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TDG (Transportation of Dangerous Goods, Canada):	No data available
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
ADR:	Not regulated for transport

15 REGULATORY INFORMATION

TSCA Inventory Status:	All components listed on TSCA inventory.
DSDL (EEC):	No data available
WHMIS (Canada):	Potassium Sorbate: D2B; Toxic materials.
DSL (Canada):	Listed on the Canadian DSL.
EU EINECS/ELINCS/NLP:	Listed on the EEC inventory EINECS.
China IECSC:	No data available
China IECIC (06.30.2014):	No data available
Australia AICS:	No data available
Japan ENCS:	No data available
Philippines PICCS:	No data available
Korea KECL:	No data available
New Zealand NZIoC:	No data available
Classification according to Regulation (EC) No. 1272/2008 [CLP]:	Not classified.
California Proposition 65:	This product does not contain any substances known to the state of California to cause cancer and/or reproductive toxicity.

16 OTHER INFORMATION

Revision Date:	06-Oct-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.