

## Knotgrass Flavonoids

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

Revision Date: 06-23-2018  
Supersedes: 03-16-2016

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b> Knotgrass Flavonoids	<b>Distributor:</b> MakingCosmetics.com Inc.
<b>Synonyms:</b> Not available	<b>Address:</b> 10800 231 <sup>st</sup> Way NE
<b>INCI Name:</b> Polygonum aviculare extract, water, glycerin	Redmond, WA 98053 (USA)
<b>CAS Number:</b> 84604-04-6, 7732-18-5, 56-81-5	<b>Phone / Fax:</b> 425-292-9502 / 425-292-9601
<b>Formula:</b> Not available	<b>Web:</b> <a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a>
<b>Product Form:</b> Liquid	<b>Emergency Telephone Number:</b> 1-800-424-9300 (Chemtrec)
<b>Product Use:</b> Cosmetic use	

### 2 HAZARDS IDENTIFICATION

<b>GHS Classification:</b>	Not classified												
<b>GHS Labeling:</b>	Not classified												
<b>GHS Hazard Pictograms:</b>	None												
<b>GHS Hazard Statements:</b>	None												
<b>GHS Precautionary Statements:</b>	None												
<b>Potential Health Hazards:</b>	Eyes: Not expected to be irritant. Inhalation: Not expected to be irritant. Skin: Not expected to be irritant. Ingestion: Not expected to be irritant.												
<b>NFPA Ratings (704):</b>	<table border="0"> <tr> <td style="background-color: #0070C0; color: white;">Health</td> <td style="background-color: #0070C0; color: white;">1</td> <td>Slight (Glycerin)</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td style="background-color: #FF0000; color: white;">1</td> <td>Slight (Glycerin)</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">Reactivity</td> <td style="background-color: #FFFF00; color: black;">0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td>n/a</td> <td></td> </tr> </table>	Health	1	Slight (Glycerin)	Flammability	1	Slight (Glycerin)	Reactivity	0	Minimal	Specific Hazard	n/a	
Health	1	Slight (Glycerin)											
Flammability	1	Slight (Glycerin)											
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>
Water	7732-18-5	75-85%	N/A
Glycerin	56-81-5	15-25%	N/A
Polygonum aviculare extract	84604-04-6	0.8-2%	N/A
Potassium sorbate	24634-61-5	0.4%	N/A
Sodium benzoate	532-32-1	0.4%	N/A

### 4 FIRST AID MEASURES

<b>Eyes:</b>	Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. Seek medical attention if symptoms occur.
<b>Inhalation:</b>	Remove to fresh air. Seek medical attention if necessary.
<b>Skin:</b>	Wash skin with soap and water. Seek medical attention if symptoms occur.
<b>Ingestion:</b>	Seek medical attention if symptoms occur. If large quantities of product is swallowed, contact physician immediately.

### 5 FIRE-FIGHTING MEASURES

<b>Suitable (and unsuitable) extinguishing media:</b>	Water spray, carbon dioxide, dry chemical, foam.
<b>Special protective equipment &amp; precautions for firefighters:</b>	Firefighters should wear full protective clothing including self-contained breathing apparatus.
<b>Flash Points:</b>	160°C (Glycerin)
<b>Specific hazards arising from the chemical:</b>	Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide.

## 6 ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment &amp; emergency procedures:</b>	See section 8 for recommendations on the use of personal protective equipment.
<b>Environmental precautions:</b>	No particular risks to the environment.
<b>Methods and material for containment and cleaning up:</b>	Absorb using inert material. Flush with water.

## 7 HANDLING & STORAGE

<b>Precautions for safe handling:</b>	Handle in accordance with good industrial hygiene and safety practices. Avoid contact with eyes.
<b>Conditions for safe storage, incl. any incompatibilities:</b>	Store in a dry, cool place, away from light. Strong oxidizing agents are incompatible.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Water	N/A	N/A	N/A
Glycerin	10 mg/m <sup>3</sup>	TWA	ACGIH
	15 mg/ m <sup>3</sup> (total)	TWA	OSHA
Polygonum aviculare extract	N/A	N/A	N/A

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:

<b>Eyes:</b>	Safety glasses, goggles, or face shield recommended for eye protection.
<b>Inhalation:</b>	Appropriate NIOSH approved respiratory protection may be worn.
<b>Body:</b>	Gloves and protective clothing should be worn to prevent prolonged skin contact.
<b>Other:</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance, Physical State:</b>	Liquid	<b>Vapor Pressure:</b>	Not available
<b>Odor:</b>	Characteristic	<b>Vapor Density:</b>	Not available
<b>Taste:</b>	Not available	<b>Evaporation Rate:</b>	Not available
<b>Color:</b>	Yellowish to brownish	<b>Flammability:</b>	Not available
<b>Molecular Weight:</b>	N/A	<b>Upper/lower Explosive Limit:</b>	Not available
<b>pH (10% sol. in water)</b>	4.0-6.0	<b>Solubility:</b>	Water miscible
<b>Boiling Point:</b>	Not available	<b>Flash Point:</b>	160°C
<b>Melting Point:</b>	Not available	<b>Specific Gravity:</b>	1.03-1.07

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	Stable under normal conditions.
<b>Chemical Stability:</b>	Stable under normal conditions.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Conditions to Avoid:</b>	Incompatible materials, ignition sources, excess heat.
<b>Incompatible Materials:</b>	Strong oxidizers such as chromium trioxide, potassium chlorate or potassium permanganate. May react violently with acetic anhydride, aniline and nitrobenzene, chromic oxide, lead oxide and fluorine, phosphorous triiodine, ethylene oxide and heat, silver perchlorate, sodium peroxide, sodium hydride. Explosive glyceryl nitrate is formed from a mixture of glycerin and nitric and sulfuric acids, Perchloric acid, lead oxide + glycerin from perchloric esters which may be explosive. Glycerin and chlorine may explode if heated and confined.
<b>Hazardous Decomposition Products:</b>	Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide.

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	Not available
<b>Skin:</b>	Not available
<b>Eyes:</b>	Not available
<b>Respiratory:</b>	Not available
<b>Ingestion:</b>	Not available
<b>Carcinogenicity:</b>	Not available
<b>Teratogenicity:</b>	Not available
<b>Germ Cell Mutagenicity:</b>	Non mutagenic
<b>Embryotoxicity:</b>	Not available
<b>Specific Target Organ Toxicity:</b>	Not available
<b>Reproductive Toxicity:</b>	Not available
<b>Respiratory/Skin Sensitization:</b>	Not available

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Not available
<b>Persistence and Degradability:</b>	Not available
<b>Bioaccumulative Potential:</b>	Not available
<b>Mobility in Soil:</b>	Not available
<b>PBT and vPvB Assessment:</b>	Not available
<b>Other Adverse Effects:</b>	Not available

## 13 DISPOSAL CONSIDERATIONS

<b>Waste Residues:</b>	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.
<b>Product Containers:</b>	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

<b>DOT (Dept. of Transportation, USA):</b>	Not regulated
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	Not regulated
<b>IMDG (International Maritime Dangerous Goods):</b>	Not regulated
<b>IATA (International Air Transport Association):</b>	Not regulated
<b>ICAO (International Civil Aviation Organization):</b>	Not regulated

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	Listed as Elix-IR™.
<b>DSCL (EEC):</b>	This product is not classified according to the EU regulations. Not applicable.
<b>WHMIS (Canada):</b>	Not controlled under WHMIS (Canada)

## 16 OTHER INFORMATION

<b>Revision Date:</b>	03-16-2016
<b>Compliance:</b>	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
<b>Disclaimer:</b>	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.