

## Licorice Root Extract

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

Revision Date: 09-Apr-2026  
Supersedes: 29-Jul-2024

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Licorice Root Extract	<b>Distributor:</b>	MakingCosmetics Inc.
<b>Synonyms:</b>	No data available	<b>Address:</b>	10800 231 <sup>st</sup> Way NE Redmond, WA 98053 (USA)
<b>INCI Name:</b>	Glycerin, Water, Glycyrrhiza Glabra (Licorice) Root Extract	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	56-81-5, 7732-18-5, 84775-66-6	<b>Web:</b>	<a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a>
<b>Formula:</b>	No data available	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)
<b>Product Form:</b>	Liquid		
<b>Product Use:</b>	Cosmetic use		

### 2 HAZARDS IDENTIFICATION

<b>GHS Classification:</b>	Not classified												
<b>GHS Labeling:</b>	Not a dangerous substance according to GHS												
<b>GHS Hazard Pictograms:</b>	None.												
<b>GHS Hazard Statements:</b>	H319 - Causes serious eye irritation												
<b>GHS Precautionary Statements:</b>	None.												
<b>Potential Health Hazards:</b>	Eyes: May be an 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="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 colspan="2">N/A</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>Hazard Classification</u>
Glycerin	56-81-5	40 - 60%	None
Water	7732-18-5	40 - 60%	None
Glycyrrhiza Glabra (Licorice) Root Extract	84775-66-6	1.5 - 3.5%	None
Potassium Sorbate	24634-61-5 / 590-00-1	0.2 - 0.3%	H319
Sodium Benzoate	532-32-1	0.2 - 0.3%	H319

### 4 FIRST AID MEASURES

<b>Eyes:</b>	Rinse away thoroughly with water at least for 15 minutes.
<b>Inhalation:</b>	Remove victim to fresh air.
<b>Skin:</b>	Remove clothing contaminated with the product immediately. Wash with soap and water.
<b>Ingestion:</b>	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If large amount swallowed or symptoms develop obtain medical attention.

### 5 FIRE-FIGHTING MEASURES

<b>Suitable (and unsuitable) extinguishing media:</b>	May be combustible at high temperature. Use appropriate media (Dry chemical, alcohol type foam, water spray, CO2) for adjacent fire. Do not use direct water jet.
<b>Special protective equipment &amp; precautions for firefighters:</b>	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots. Cool exposed containers with water spray. Avoid breathing vapor and fumes.

**Flash Points:** >212°F (>100°C)  
**Specific hazards arising from the chemical:** None known. See also Stability and Reactivity section.

## 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. Absorb small overflows with inert solids. Notify environmental authorities in case of large leaks.

**Methods and material for containment and cleaning up:** Absorb the small overflows with inert solids. Do not try to clean up the leak without the proper protective equipment. 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. Keep container closed when not in use.

**Conditions for safe storage, incl. any incompatibilities:** Store protected from light and humidity in tightly closed vessels at room temperature. Keep away from heat and 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 <sup>3</sup>	TLV-TWA	Not available

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:** Not needed under normal conditions of use but safety glasses are recommended.

**Inhalation:** Not needed under normal conditions of use.

**Body:** Not needed under normal conditions of use.

**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

<b>Appearance:</b>	Liquid	<b>Vapor Pressure:</b>	No data available
<b>Odor:</b>	Characteristic	<b>Vapor Density:</b>	No data available
<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate:</b>	No data available
<b>Color:</b>	Pale brown to brown	<b>Flammability:</b>	No data available
<b>Molecular Weight:</b>	No data available	<b>Upper/lower Explosive Limit:</b>	No data available
<b>pH (according to EC 440/2008 part B.4, OCDE No. 404):</b>	<7.5 (within the established safety limits: 2 - 11.5)	<b>Flash Point:</b>	>212°F (>100°C)
<b>Boiling Point:</b>	No data available	<b>Specific Gravity:</b>	No data available
<b>Melting Point:</b>	No data available	<b>Solubility:</b>	Soluble in aqueous solutions
<b>Relative Density:</b>	>1.000	<b>Auto-Ignition Temperature:</b>	400°C
<b>Partition Coefficient: n-octanol/water:</b>	No data available	<b>Decomposition Temperature:</b>	No data available
<b>Viscosity:</b>	No data available	<b>Explosive Properties:</b>	No data available
<b>Oxidizing Properties:</b>	No data available	<b>Freezing Point:</b>	No data available

## 10 STABILITY AND REACTIVITY

**Reactivity:** No data available.

<b>Chemical Stability:</b>	Stable under usual conditions.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Conditions to Avoid:</b>	Keep sources of ignition at a distance.
<b>Incompatible Materials:</b>	No data available.
<b>Hazardous Decomposition Products:</b>	Will not occur.

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	Not toxic.
<b>Skin:</b>	Not irritant.
<b>Eyes:</b>	Not irritant.
<b>Respiratory:</b>	No data available.
<b>Ingestion:</b>	No data available.
<b>Carcinogenicity:</b>	Not carcinogenic.
<b>Teratogenicity:</b>	No data available.
<b>Germ Cell Mutagenicity:</b>	Not mutagenic.
<b>Embryotoxicity:</b>	No data available.
<b>STOT:</b>	Not toxic under single or repeated toxicity.
<b>Reproductive Toxicity:</b>	Not irritant.
<b>Respiratory/Skin Sensitization:</b>	No data available.
<b>Sensitization:</b>	No data available.
<b>Irritation:</b>	No data available.

## 12 ECOLOGICAL INFORMATION

### Ecotoxicity

<b>Aquatic Vertebrate:</b>	Glycerin: LC50 goldfish > 5000 mg/L/24h. (HSDB no. 492, revision: 20050624)
<b>Aquatic Invertebrate:</b>	Glycerin: Multiplication inhibition test in algae ( <i>Microcystis aeruginosa</i> ): Toxicity threshold = 2900 mg/L (HSDB no. 492, revision: 20050624)
<b>Terrestrial:</b>	Glycerin: Multiplication inhibition test in protozoa ( <i>Entosiphon sulcatum</i> ): Toxicity threshold = 3200 mg/L (HSDB no. 492, revision: 20050624)
<b>Persistence and Degradability:</b>	Glycerin: Activated sludge test: 220 mg/l resulted in a COD of 97%; Test in 5 days: BOD = 82%. Glycerin is considered an easily degradable substance (HSDB no. 492, revision: 20050624)
<b>Bioaccumulative Potential:</b>	No data available.
<b>Mobility in Soil:</b>	No data available.
<b>PBT and vPvB Assessment:</b>	No data available.
<b>Other Adverse Effects:</b>	No data available.

## 13 DISPOSAL CONSIDERATIONS

<b>Waste Residues:</b>	The product or water contaminated must not be considered as dangerous 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.
<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>	Non-dangerous product for transport.
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	Non-dangerous product for transport.
<b>IMDG (International Maritime Dangerous Goods):</b>	Non-dangerous product for transport.
<b>IATA (International Air Transport Association):</b>	Non-dangerous product for transport.
<b>ICAO (International Civil Aviation Organization):</b>	Non-dangerous product for transport.

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	No data available.
<b>Canada (DSL):</b>	No data available.
<b>EU (EINECS/ELINCS/NLP):</b>	No data available.
<b>China (IECSC):</b>	No data available.
<b>Australia (AICS):</b>	No data available.
<b>Japan (ENCS):</b>	No data available.
<b>Philippines (PICCS):</b>	No data available.
<b>Korea (KECI):</b>	No data available.
<b>New Zealand (NZIoC):</b>	No data available.

## 16 OTHER INFORMATION

<b>Revision Date:</b>	09-Apr-2026
<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.