

Licorice Extract GL

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

Revision Date: 11-Mar-2026
Supersedes: 22-Feb-2018

1 PRODUCT & COMPANY IDENTIFICATION

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

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: Not expected to be irritant. Inhalation: Not expected to be irritant. Skin: Not expected to be irritant. Ingestion: No known hazards but may cause gastrointestinal irritation, nausea, vomiting and diarrhea.		
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	80 - 100%	Not available
Glycyrrhiza Glabra Root Extract	84775-66-6	10 - 20%	Not available

4 FIRST AID MEASURES

Eyes:	Rinse thoroughly with water for some minutes. Seek medical attention if necessary.
Inhalation:	Not a direct hazard. Remove from area of exposure; seek medical attention for coughing or choking.
Skin:	Not dangerous under normal conditions. Seek medical attention if necessary.
Ingestion:	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Seek medical attention if necessary.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media (dry powder, foam, carbon dioxide, water spray, water fog) for adjacent fire. No unsuitable extinguish media found.
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points:	>390.0 °F (198.9 °C) (PMCC).
Specific hazards arising from the chemical:	Will not occur. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:
Environmental precautions:

Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
 Avoid liquid release into the environment/sewers/public water. Prevent further leakage or spillage if safe to do so. Notify environmental authorities in case of large leaks.
 Dike far ahead of larger spill for later recovery and disposal. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material. Dispose of all waste and cleanup materials in accordance with regulations.

Methods and material for containment and cleaning up:

7 HANDLING & STORAGE

Precautions for safe handling:
Conditions for safe storage, incl. any incompatibilities:

Observe good industrial hygiene practices. Provide adequate ventilation. Wear appropriate personal protective equipment. See section 8 for recommendations on the use of personal protective equipment.
 Store in cool, dry well-ventilated area. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component

Exposure Limits

Basis

Entity

Glycerin

15 mg/m³

PEL (Total Dust)

OSHA Z-1

Glycyrrhiza Glabra Root

5 mg/m³

PEL (Respirable Fraction)

OSHA Z-1

Extract

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 with side should be worn.
Inhalation: Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material. A respiratory protection program compliant with all applicable regulations must be followed whenever workplace conditions require the use of a respirator
Body: Protective gloves made of rubber or neoprene. 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. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

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:

Light to medium yellow

Flammability:

No data available

Molecular Weight:

No data available

Upper/lower Explosive Limit:

No data available

pH at 25°C (77°F):

4 - 7 (0.1 g/ml)

Flash Point:

> 390°F (198.9°C) (PMCC)

Boiling Point:

554°F (290°C)

Specific Gravity:

No data available

Melting Point:

No data available

Solubility in Water:

Soluble

Relative Density 25°C (77°F):

1.24 - 1.29

Auto-Ignition Temperature:

No data available

Partition Coefficient: n-octanol/water:

Glycerin Log Kow: -1.76 (Measured)

Decomposition Temperature:

No data available

Viscosity:

No data available

Explosive Properties:

No data available

Oxidizing Properties:

No data available

Freezing Point:

No data available

10 STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical Stability:	Material is stable under normal conditions.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Not determined.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	Thermal decomposition or combustion may generate smoke, carbon monoxide, carbon dioxide, and other products of incomplete combustion.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	Not classified for acute toxicity based on available data. Not classified as a primary skin irritant.
Eyes:	Not classified as a primary eye irritant.
Respiratory:	Avoid inhalation of mists or vapors.
Ingestion:	Not classified for acute toxicity based on available data. May cause liver and/or renal damage.
Carcinogenicity:	No data available.
IARC:	No carcinogenic components identified.
NTP:	No carcinogenic components identified.
29 CFR (1910.1001-1050):	No carcinogenic components identified.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	No data available.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	No data available.
Reproductive Toxicity:	No data available.
Respiratory/Skin Sensitization:	No data available.
Corrosivity:	No data available.
Sensitization:	No data available.
Irritation:	No data available.
Repeated Dose Toxicity:	No data available.

12 ECOLOGICAL INFORMATION

Ecotoxicity	
Aquatic Vertebrate:	Glycerin: LC 50 (Golden Orfe, 2 d): > 10,000 mg/L.
Aquatic Invertebrate:	Glycerin: EC50 (Water flea (Daphnia magna), 1d): >10,000 mg/L.
Terrestrial:	No data available.
Microorganisms:	Glycerin: NOEC (Bacteria, 16h): >10,000mg/L.
Persistence and Degradability:	Glycerin: OECD TG301 D, 90%, 28 d, readily biodegradable.
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:	Since emptied containers retain product residue, follow label warnings even after container is emptied. 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:	Container packaging may exhibit hazards. 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.
TDG (Transportation of Dangerous Goods, Canada):	No data available.

IMDG (International Maritime Dangerous Goods):	Not regulated.
IATA (International Air Transport Association):	Not regulated.
ICAO (International Civil Aviation Organization):	No data available.

15 REGULATORY INFORMATION

TSCA Section 12(b) Export Notification:	None present or none present in regulated quantities.
CERCLA Hazardous Substance List:	None present or none present in regulated quantities.
SARA 311 Classifications:	Not classified.
SARA 302 Extremely Hazardous Substance:	None present or none present in regulated quantities.
SARA 304 Emergency Release Notification:	None present or none present in regulated quantities.
SARA 313 (TRI Reporting):	None present or none present in regulated quantities.
TSCA Inventory Status:	This product contains one or more chemical substances not on the TSCA Inventory. It is sold solely for uses subject to regulation under the Federal Food, Drug and Cosmetic Act.
Taiwan (TCSCA):	All components of this product are listed on the Taiwan inventory.
DSL/NDSL (Canada):	All substances contained in this product are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List (DSL) or are exempt.
European Union (REACH):	To obtain information on the REACH compliance status of this product, please e-mail REACH@SDSInquiries.com.
China IECSC:	All components of this product are listed on the Inventory of Existing Chemical Substances in China
Australia AICS:	All components are in compliance with chemical notification requirements in Australia.
Switzerland (SWISS):	All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.
Japan ENCS:	May require notification in Japan.
Philippines PICCS:	This product requires notification before sale in the Philippines.
Korea ECL:	This product contains one or more components that are not included on the Korean Existing Chemicals List (KECL). It is intended for use solely as a cosmetic ingredient in Korea.
New Zealand NZIoC:	All components are in compliance with chemical notification requirements in New Zealand.
US. California Proposition 65:	No ingredient regulated by CA Prop 65 present.

16 OTHER INFORMATION

Revision Date:	11-Mar-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.