



# SDS (Safety Data Sheet)

## Licorice Root Extract

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Licorice Root Extract	<b>Distributor:</b>	Deo Organic
<b>Synonyms:</b>	No data available	<b>Address:</b>	2300 kathryn ln plano tx 75025 (USA)
<b>INCI Name:</b>	Glycerin, water, Glycyrrhiza Glabra (Licorice) root extract		
<b>Formula:</b>	No data available	<b>Email:</b>	<a href="mailto:sales@deoorganic.com">sales@deoorganic.com</a>
<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: Causes eye irritation. Inhalation: Not expected to be irritant. Skin: Not expected to be irritant. Ingestion: Not expected to be irritant.												
<b>NFPA Ratings (704):</b>	<table><tbody><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></tbody></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>Weight %</u>	<u>Molecular Weight</u>
Glycerin	40-60%	Not Available
Water	40-60%	Not Available
Glycyrrhiza Glabra (Licorice) Root Extract	1.5-3.5%	Not Available
Potassium Sorbate	0.2-0.3%	Not Available
Sodium Benzoate	0.2-0.3%	Not Available

### 4 FIRST AID MEASURES

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

### 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, carbon dioxide) for adjacent fire. Do not use direct water jet.
<b>Special protective equipment &amp;</b>	Wear self-contained, approved breathing apparatus and full protective clothing, including eye



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**precautions for firefighters:** protection and boots. Cool exposed containers with water spray. Avoid breathing vapor and fumes.

**Flash Points:** 105°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:** Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. 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>
Licorice Root Extract	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.

**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>	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>	105°C
<b>Boiling Point:</b>	No data available	<b>Specific Gravity:</b>	No data available
<b>Melting Point:</b>	No data available	<b>Solubility in Water:</b>	Soluble
<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



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

## 11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not toxic.
Skin:	Not irritant.
Eyes:	Not irritant.
Respiratory:	No data available
Ingestion:	No data available
Carcinogenicity:	Not carcinogenic.
Teratogenicity:	No data available
Germ Cell Mutagenicity:	Not mutagenic.
Embryotoxicity:	No data available
Specific Target Organ Toxicity:	No data available
Reproductive Toxicity:	Not irritant.
Respiratory/Skin Sensitization:	No data available
Corrosivity:	Not irritant.
Sensitization:	No data available
Irritation:	No data available
Repeated Dose Toxicity:	Not irritant.

## 12 ECOLOGICAL INFORMATION

Ecotoxicity	
Aquatic Vertebrate:	Glycerin: LC50 goldfish > 5000 mg/L/24h. (HSDB no. 492, revision: 20050624)
Aquatic Invertebrate:	Glycerin: Multiplication inhibition test in algae (Microcystis aeruginosa): Toxicity threshold = 2900 mg/L (HSDB no. 492, revision: 20050624)
Terrestrial:	Glycerin: Multiplication inhibition test in protozoa (Entosiphon sulcatum): Toxicity threshold = 3200 mg/L (HSDB no. 492, revision: 20050624)
Persistence and Degradability:	No data available
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:	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.
Product Containers:	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):	Non-dangerous product for transport.
TDG (Transportation of Dangerous Goods, Canada):	Non-dangerous product for transport.
IMDG (International Maritime Dangerous Goods):	Non-dangerous product for transport.
IATA (International Air Transport Association):	Non-dangerous product for transport.
ICAO (International Civil Aviation Organization):	Non-dangerous product for transport.



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## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	No data available
<b>DSCL (EEC):</b>	No data available
<b>WHMIS (Canada):</b>	No data available
<b>DSL (Canada):</b>	No data available
<b>EU EINECS/ELINCS/NLP:</b>	No data available
<b>China IECSC:</b>	No data available
<b>China IECIC (06.30.2014):</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>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>	All statements, technical information and recommendations contained herein are based on tests and data which Deo Organic believes to be currently reliable, but this accuracy or completeness thereof is not guaranteed and no warranty of any kind is made with respect thereto. This information is not intended as a license to operate under or a recommendation to practice or infringe any patent of this company or others covering any process, composition of matter or use. Since we shall have no control of the use of the product described here in, we assume no Liability for loss or damage incurred from the proper or improper use of such product.