



532 Point Lawrence Rd.  
Olga, WA 98279  
Tel: 360-376-8008

## MSDS - Licorice Root Extract

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### 1. Product and Company Identification

**Product Name:** Licorice Root Extract – Certified Organic  
**Common Chemical Name:** Licorice Root Extract  
**Description/Use:** Personal Care  
**INCI Name:** Glycerin (and) Water (and) Glycyrrhiza Glabra (Licorice) Root Extract

**Distributor:** Lotioncrafter LLC  
532 Point Lawrence Rd.  
Olga, WA 98279

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### 2. Composition/Information on Ingredients

CAS OR CHEMICAL NAME CAS#

There are no known hazardous substances contained in this product.

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### 3. Hazards Identification

**Environmental Hazards:** None  
**Human Health Hazards:** None

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### 4. First Aid Measures

**Inhalation** IF INHALED: Remove individual to fresh air. Seek medical attention if breathing becomes difficult or if respiratory irritation develops.  
**Skin Contact** IF ON SKIN: Not an irritant. Wash affected area with soap and water. Seek medical attention if irritation develops.  
**Eye Contact** IF IN EYES: Not an irritant. Immediately flush eyes with plenty of water for at least 10 minutes. Seek medical attention if irritation develops.  
**Ingestion** If large amount swallowed or symptoms develop obtain medical attention

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### 5. Fire Fighting Measures

**Extinguishing Media**  
**Suitable:** Water, dry chemical, alcohol type foam, CO2  
**Not suitable:** None  
**Special Firefighting Procedures:** May produce irritating gases n case of fire.  
**Fire / Explosion Hazards:** None  
**Hazardous Thermal Decomposition Products:** None

**Protection of Firefighters:**

Use adequate eye and skin protection; wear suitable self-contained breathing apparatus.

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## 6. Accidental Release Measures

**Personal Precautions:** None known  
**Environmental Precautions:** None  
**Methods of Cleanup:** Material is biodegradable and does not require special cleanup.

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## 7. Handling and Storage

**Handling:** No restrictions  
**Storage:** Store at room temperature.  
**Suitable Packaging materials:** Tightly sealed container.  
**Unsuitable Packaging Materials:** None

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## 8. Exposure Controls/Personal Protection

**Ventilation:** Additional ventilation beyond that of general exhaust is not normally required. No exposure limits exist for the constituents of this product.

**Protective Equipment for Routine Use of Product**

**Respiratory Protection:** Not needed  
**Skin Protection:** Wear suitable clothing, nothing special needed  
**Eye Protection:** Not normally needed.  
**Hand Protection:** Not normally needed

**Exposure Limit Data**

<u>CHEMICAL NAME</u>	<u>CAS#</u>	<u>Name of Limit</u>	<u>Exposure</u>
No Data Found			

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## 9. Physical and Chemical Properties

**Physical State:** Transparent liquid, slightly turbid  
**Color:** Pale brown  
**Odor:** Characteristic  
**pH:** < 7.5  
**Flashpoint:** 105°C / 221°F  
**Boiling Point:** No data  
**Freezing Point:** No data  
**Melting Point:** No data  
**Density:** >1.00  
**Solubility:** Soluble in water  
**Vapor Pressure:** Below 5 mm Hg  
**Ignition Temperature:** 400°C / 752°F  
**Viscosity (cps):** No data

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## 10. Stability and Reactivity

**Conditions to Avoid:** Keep sources of ignition at a distance  
**Chemical Incompatibility:** Avoid contact with strong oxidizing and acid agents.  
**Hazardous Decomposition Products:** Will not occur.  
**Hazardous Polymerization:** Will not occur.

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## 11. Toxicological Data & Effects

**General information:** The following substances have the GRAS status("Generally Recognized As Safe"):Glycerin (21CFR182.1320) Classification According Council of Europe (\*): Non-classified.

**Acute Toxicity Data:** Glycerin (RTECS n° MA8050000):LD50 in mouse:p.o.=4090 mg/kg, i.p.=8700 mg/kg, s.c.=91 mg/kg, i.v.= 4250mg/kg. LD50 in rabbit: p.o.=27 g/kg, piel>10g/kg, i.v.=53 g/kg  
 Glycerin (RTECS n° MA8050000): LD50 in rat : p.o.=12600 mg/kg, i.p.=4420 mg/kg, s.c.=100 mg/kg, i.v.=5566 mg/kg. LDLo in rat i.m. =10 mg/kg, TDLo in rat i.m.=5 g/kg  
**Skin Irritation Data:** Glycerin (RTECS n°MA8050000): Draize Test in the skin of rabbit , 500 mg, 24 h, Mild  
**Mucous Membrane Irritation Data (Eye Irritation):** Glycerin (RTECS n°MA8050000): Draize Test in the eye of rabbit ,126 and 500 mg, 24 h, Mild  
**Skin Sensitization:** No data available.  
**Mutagenicity Data:** Glycerin: DNA inhibition in human lymphocyte, 200 mmol/l (PNASA 6 79, 1171, 1982) Cytogenic Analysis rat p.o., 1g/Kg (TGANAK 19, 436, 1985)  
**Percutaneous Permeation Data:** No data available.

**FURTHER TOXICOLOGICAL DATA**

**Subchronic Toxicity:** Glycerin (RTECS n° MA8050000): TDLo p.o.= rat 16800mg /Kg/28D-C; rat 96 g/Kg/90D-I; mouse 560 g/Kg/8W-C; mouse 2800 mg/Kg/25W-C  
**Reproductive Effects:** Glycerin:(RTECS n° MA8050000) rat, i.t. TDLo = 280 mg/Kg, 2 Days, male ; rat o. TDLo=100 mg/Kg, 1 Dia, male ;rat, i.t., TDLo=862 mg/Kg, 1 Day, macho  
**Toxicokinetics:** No data available.  
**Further Mutagenicity Data:** No data available.  
**Phototoxicity:** No data available.  
**Photosensitization:** No data available.  
**Inhalation Toxicity:** Glycerin (RTECS n° MA8050000): LC50 rat inhalation > 570/mg/m3/1H  
**Cytotoxicity:** No data available.

**12. Ecological Information**

**Biodegradability:** Glycerin (HSDB n°492,Revisión:20050624).Activated sludge test:220 mg/l resulted in a COD of 97%;Test in a 5 days:BOD= 82%. Glycerin is considered a substance easily degraded  
**Aquatic Toxicity:** Glycerin:Inhibition multiplication test in algae (Microcystis aeruginosa) and protozoa (Entosiphon sulcatum) Toxicity threshold=2900 mg/l and 3200 mg/l (HSDB n°492,Revision:20050624)  
 Glycerin (HSDB n°492,Revision:20050624):LC50 goldfish > 5000 mg/l/24 h  
**Water Hazard Class :** No data available.  
**Bioaccumulation Potential:** No data available.

**13. Disposal Considerations**

**Disposal Methods** As a nonhazardous liquid waste, it should be disposed of in accordance with local, state and federal regulations or by incineration.

**14. Transport Information**

**Road (U.S. DOT):** Not regulated  
**Air (IATA):** Not regulated  
**Sea (IMDG):** Not regulated

**Disclaimer:**

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