



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

MSDS - Centella Asiatica Extract

1. Product and Company Identification

Product Name: Centella Asiatica Extract
Common Chemical Name: Centella Asiatica Extract
CAS No.: 57-55-6; 84696-21-9
Description/Use: Active Ingredient for Personal Care
INCI Name: Propylene Glycol (and) Water (and) Hydrocotyl (Centella Asiatica) Extract
Maximum Suggested Concentration: 100%

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

2. Production Data / Component Breakdown

Origin of Ingredient: Plant derived.
Manufacturing Method: Extraction in solvent medium.
Components Breakdown:

Propylene Glycol	98.5 – 99.5%
Centella Asiatica Extract:	0.5 – 1.5%
Phenonip (Preservative):	0.5%

3. Hazards Identification

Environmental Hazards: None
Human Health Hazards: None

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

5. Fire Fighting Measures

Extinguishing Media

Suitable: Water, dry chemical, alcohol type foam, CO2
Not suitable: None
Special Firefighting Procedures: May produce irritating gases in 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.

6. Accidental Release Measures

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

7. Handling and Storage

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

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			

9. Physical and Chemical Properties

Physical State: Transparent liquid
Color: Yellow
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

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.

11. Toxicological Data & Effects

General information:	CIR Final Report on Safety Assessment of Propylene Glycol including all the toxicological data: JACT, 13 (6) 1994 Classification According to Council of Europe:
Acute Toxicity Data:	Centella asiatica, alcoholic extract: LD50 i.p. rat = 1930 mg/Kg (JPAAO 23,106,61) Centella asiatica leaf hydroalcoholic extract: LD50 p.o. rat > 675 mg/kg (FTTP 5,413-416,97)
Skin Irritation Data:	No data available.
Mucous Membrane Irritation Data (Eye Irritation):	No data available.
Skin Sensitization:	No data available.
Mutagenicity Data:	No data available.
Percutaneous Permeation Data:	No data available.

FURTHER TOXICOLOGICAL DATA

Subchronic Toxicity:	No data available.
Reproductive Effects:	No data available.
Toxicokinetics:	No data available.
Further Mutagenicity Data:	Asiaticoside: Equivocal tumorigenic agent, mouse skin, TDLo = 400 mg/Kg/52W-I (CNREA8 32,1463,72)
Phototoxicity:	No data available.
Photosensitization:	No data available.
Inhalation Toxicity:	No data available.
Cytotoxicity:	No data available.

12. Ecological Information

Biodegradability:	Propylene Glycol: Assay Method: OCDE 302B/ISO 9888/EEC 88/302, C Analysis Method: Disimintion COD. Elimination grade: >70% Valoration: Good elimination
Aquatic Toxicity:	Propylene Glycol: Acute toxicity (fish): CL50/oncorhynchus mykiss: > 1000 mg/l/96h Acute toxicity (daphnia): Daphnia magna: CE/CL50 (48 h) : 34400 mg/l
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:

This document is generated for the purpose of distributing health, safety, and environmental data. It is not a specification sheet nor should any displayed data be construed as a specification. The information on this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with handling, storage, use or disposal of this product. It the product is used as a component in another product, this MSDS information may not be applicable.
