

**MATERIAL SAFETY DATA SHEET**

**SMALL FLOWERED WILLOW HERB TINCTURE**

Supplier:

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Data required to comply with EU Directive 88/379/EC

**1. IDENTIFICATION OF SUBSTANCE AND PREPARATION**

Product Name: Epilobium parviflorum / Small flowered willow herb

Form: Tincture

**2. COMPOSITION/INGREDIENTS INFORMATION**

Definition/Botanical Origin: Epilobium parviflorum Aqueous alcoholic herbal  
extract

Status: Natural Product

Additives: None

CoE No: N/A

FDA: N/A

RIFM: N/A

Application: Medicinal/cosmetic

EU No: N/A

CAS No.: N/A

FEMA: N/A

IFRA: Not restricted

### 3. HAZARD IDENTIFICATION

Flammable liquid

### 4. FIRST AID MEASURES IN CASE OF ACCIDENTS

Inhalation: Remove from exposure site to fresh air, keep at rest and obtain medical advice.

Eye contact: Rinse immediately with plenty of water for at least 15 minutes, and obtain medical advice.

Skin contact: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

Ingestion By Accidental Overdose: Rinse mouth out with water, obtain medical advice.

Other: When assessing action take Risk & Safety Phrases into account (Section 15)

## 5. FIRE FIGHTING MEASURES

Extinguishing media recommended: Use CO<sub>2</sub>, dry powder or foam extinguishers, spraying media at the base of the flames. Do not use direct water jet on burning material.

Special measures: Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self contained breathing apparatus & protective clothing.

Extinguishing procedures: Close containers may build up pressure when exposed to heat and should be cooled with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.

Environment precautions: Keep away from drains, soils, surface & ground waters.

Cleaning up methods for spillages: Remove all potential ignition sources. Contain spilled material.

Cover with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container observe national, regional and local authority.

## 7. HANDLING & STORAGE

Precautions in handling: Apply good manufacturing practice and industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.

Storage conditions: Store in tightly closed original container, in a cool, dry and ventilated area away from heat sources & protected from light. Keep air contact to a minimum.

Fire protection: Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection: Avoid breathing product vapour. Apply local ventilation where possible.

Ventilation: Ensure good ventilation of working area.

Hand protection: Avoid all skin contact. Use chemically resistant gloves if required.

Eye protection: Use safety glasses.

Work/Hygiene practices: Wash hands with soap & water after handling.

## 9. PHYSICAL & CHEMICAL PROPERTIES

Appearance: Red / Brown mobile liquid

Odour: Reminiscent of tobacco

Flavour: Tea/tobacco, slightly astringent

Specific gravity @ 20°C: 0.960-0.998

Ethanol: 41-49.9%

## 10. STABILITY & REACTIVITY

Reactivity: It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.

Decomposition: Liable to cause smoke & acrid fumes during combustion. Carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

## 11. TOXICOLOGICAL INFORMATION

Not considered a hazardous substance.

Related to Ethanol UKEH<sub>40</sub>:OES1000ppm(1920mg/m<sup>3</sup>)8h TWA

## 12. ECOLOGICAL INFORMATION

Biodegradability: Data not available

Precautions: Prevent surface contamination of soil, ground & surface water.

## 13. DISPOSAL CONSIDERATIONS

Avoid disposing to drainage systems and into the environment, obtain expert advice.

## 14. TRANSPORT REGULATIONS

Class 3

UN1993

Road (ADR/RID):

Class 3

Sea (IMDG):

Group III

Air (IATA):

## 15. REGULATORY INFORMATION

According to Directive 88/379/EEC

Hazards:

Flammable Liquid

Symbols:

F

Risk phrases:

R10; R22; R52

Safety Phrases:

S2; S3/7; S15/16; S25; S36/37

<b>16. OTHER INFORMATION</b>
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N/A

Conc. % Limits:

Packaging:

Type

Suitability

Glass

Yes

Lacquer lined steel/tin

Yes

Aluminium

Yes

HPPE

Yes

F/HDPE

Yes

Other plastic

No

QC Requirements: In line with general product specification.

Always satisfy suitability for specific application.

The data in this material safety data sheet is meant to represent typical data analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.



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