





SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Product Name		Helichrysum Bracteiferum Essential Oil			
Biological Definition		Helichrysum Bracteiferum Flower Oil is the volatile oil obtained from the flowers of <i>Helichrysum bracteiferum</i> , Asteraceae through the steam distillation process.			
Inci No		Helichrysum bracteiferum			
Synonyms & Trade names		Helichrysum bracteiferum			
Normal use		Cosmetics, Aromatherapy			
Reach Registration Number		N/A			
Hs Tariff Code		N/A			
FEMA No.	N/A	FDA No.	19555298040	Class No.	3
CAS-No.	-	UN No. Shipping Name:	1169 Extracts, Aromatic Liquids	EINEC No.	-

02. HAZARDS IDENTIFICATION

Classification (1999/45)	Xi+F, R10-R36-S02-S16-S26
Classification (EC 1272/2008)	UN GHS: FL3, H303, H315, H317 EC CLP: FL3, H303, H315, H317
Labels in accordance with (EC) No 1272/2008	    <p>GHS02 GHS07 GHS08 GHS09</p>
Signal Word	Extracts, Aromatic Liquids
Contains	Linalool, Limonene and Alpha pinene
Hazard Statements	H304 May be fatal if swallowed and enters H315 Causes skin irritation H317 May cause an allergic skin reaction
Precautionary Statements	P301/310 IF SWALLOWED: Immediately call poison centre or doctor/physician P331 Do not induce vomiting P262 Do not get in eye, on skin or clothing
	P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking. P281 Use personal protective equipment as required. P273 Avoid release to the environment.
Adverse physio-chemical properties	Combustible but not self-ignite
Adverse effects on human health	Can cause skin and eye irritation

03. COMPOSITION/INFORMATION ON INGREDIENTS

NAME	CAS	EINECS	%
APHLA PINENE	80-56-8	201-291-9	±5
LIMONENE	5989-27-5	227-813-5	±4
LINALOOL	78-70-6	201-134-4	±1

04. FIRST AID MEASURES

General Information	See categories below
Inhaling	Move into an open-air space
Ingestion	Wash Mouth with water and obtain medical advice immediately
Skin Contact	Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.
Eye contact	Flush with plenty amount of water and seek medical advice if necessary.
Most important symptoms and effects, both acute and delayed	Observe risk of aspiration if vomiting occurs
Indication of any immediate medical attention and special treatment needed	Treat symptomatically

05. FIRE FIGHTING MEASURES

Extinguishing Media	Use CO ₂ Dry powder or foam type extinguishers. Do not use direct water jet on burning material
Special Fire Fighting Procedures	Wear protective clothing, avoid inhaling of vapours
Specific Hazards arising from product	B (Fires of liquids or liquid turning substances). In case of fire toxic fumes like carbon monoxide and carbon dioxide may be liberated. Burning produces heavy smoke
Protective Measures in Fire	Closed containers may build up pressure when exposed to heat and they should be cooled





06. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Maintain good occupational and personal hygiene. Avoid contact with skin Wear protective clothing as described in Section 8 of this safety data sheet. Give a warning to persons in the hazard area. Remove all sources of ignition. Avoid contact with skin, eyes and clothing. Provide adequate ventilation. Give warning to all persons in hazard area if spillage occurs.
Environmental Precautions	Do not discharge directly into drains or soil. Keep away from surface and ground water
Spill Clean Up Methods	Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations

07. HANDLING AND STORAGE

Usage Precautions	Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene and do not eat, drink or smoke while handling.
Storage Precautions	Store in tight closed original container, in cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to minimum.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Equipment	   
Engineering Measures	Ensure good ventilation of working area
Respiratory Equipment	As required. Avoid breathing product vapour.
Hand Protection	Avoid all skin contact. Use chemically resistant gloves if required
Eye Protection	Use safety glasses
Other Protection	As required
Hygiene Measures	Wash hands with soap & water after handling

09. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Mobile liquid
Colour	Clear Colourless to Pale Yellow
Odour	Minty Aroma
Flash point	45.6°C
Relative density	0.840 - 0.950 @20°C
Refractive index	1.440 -1.550@20°C
Optical rotation	-25° - 0°
Melting point, Ph, vapour pressure	Data not found
Solubility in water	Not soluble.

10. STABILITY AND REACTIVITY

Reactivity	Stable under the recommended handling and storage conditions.
Condition to avoid	Temperatures more than room temperature will benefit the transfer from liquid to vapour phase and formation of explosive atmospheres. Storing the product in open containers will benefit the formation of peroxides and derogate the quality.
Materials to avoid	Avoid contact with strong acids, and oxidising agents
Hazardous Decomposition products	No dangerous decomposition products known.
Chemical Stability	Stable under recommended handling and storage conditions

11. TOXOLOGICAL INFORMATION

Acute Toxicity	Acute oral toxicity Acute dermal toxicity: slightly irritating undiluted
Skin irritation & Aspiration hazard	Category 2 under EC 1272/2008
Serious eye damage/irritation	Potential exists. Wear goggles.

Respiratory or skin sensitisation	Skin sensitizer Category 1 under EC 1272/2006
Photo-toxicity	Not photo toxic pp 705-706

12. ECOLOGICAL INFORMATION

Ecotoxicity	Hazardous to the aquatic environment Chronic hazard category 2 according to EC 1272/2008
Mobility	Not determined
Persistence and degradability	Not determined
Bioaccumulation potential	Not determined
PBT Assessment	Not determined
Precautions	Avoid discharge into the environment especially into land, waterways and sea

13. DISPOSAL CONSIDERATIONS

Disposal Methods	Avoid discharge into the environment especially onto land, waterways and sea
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14. TRANSPORT INFORMATION

Warning Icon	
Proper Shipping Name	EXTRACTS, AROMATIC, LIQUID
UN No. Road	UN 1169
ADR Class	Class 3
Air class	Class 3
Packaging group	III
EMS	F-E, S-D
UN No AIR	UN 1169
Hazchem code	3YE

15. REGULATORY INFORMATION

Statutory Instruments	The chemicals (Hazard information and packaging for Supply Regulation 2009 [SI 2009 NO 716])
Approved codes of practice	Classification and labelling of substances and preparations dangerous for supply. Safety data sheet for substance and preparations

16. OTHER INFORMATION

Revision Date	05/2018
Risk phrases	H224Flammable liquid and vapour. H304May be fatal if swallowed and enters airways.
	H317May cause an allergic skin reaction. H410Very toxic to aquatic life with long lasting effects
Other	Complies with REACH guidance for SDS