

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

PRODUCT NAME:

Helichrysum Italicum Oil

SUPPLIER:

Fresholi
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2. COMPOSITION / INFORMATION ON INGREDIENTS:

DEFINITION/BOTANICAL ORIGIN: Obtained by the steam distillation of the plant *Helichrysum italicum* (Roth.) G. Don Asteraceae

H-No: 3301.29.6000	CAS No: 8023-95-8	Status: Natural
CoE No:	FEMA:	Additives: None
FDA:	IFRA:	Application: Aromatherapy, skincare
RIFM:	EINECS-CAS No: 91845-22-6	EC No: 295-193-3

3. HAZARDS IDENTIFICATION:

Xn Harmful; N Dangerous for the environment

4. FIRST-AID MEASURES:

INHALATION: Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.
EYE CONTACT: Rinse immediately with plenty of water for at least 15 minutes. Contact a doctor if symptoms persist.
SKIN CONTACT: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.
INGESTION: Rinse mouth out with water. Seek medical advice immediately.
OTHER: When assessing action take Risk & Safety Phrases into account (Section 15)

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA RECOMMENDED:

Use CO₂, Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of 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:

Closed 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 and local disposal regulations.

7. HANDLING & STORAGE.

PRECAUTIONS IN HANDLING:

Apply good manufacturing practice & 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 & 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.

COLOUR: Light yellow to orange
APPEARANCE: Mobile liquid
ODOUR: Characteristic, sweet, honey-like
FLASH POINT °C: 48
SPECIFIC GRAVITY @ 20°C: 0.875 to 0.910
REFRACTIVE INDEX @ 20°C: 1.465 to 1.487

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.

Literature value:

LD50 Oral rat >5000mg/kg

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. Seek expert advice.

14. TRANSPORT REGULATIONS.

UN 1169: Applies
Road (ADR/RID): Class 3 Packing Group III
Air (IATA/ICAO): Class 3 Packing Group III
SEA (IMDG): Class 3 Packing Group III
CHIP: See section 15

15. REGULATORY INFORMATION.

HAZARDS: Harmful, Dangerous for the environment
SYMBOLS: Xn, N

RISK PHRASES:

R10 Flammable Liquid
R43 May cause sensitisation by skin contact
R51/53 Toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment
R65 Harmful: May cause lung damage if swallowed

SAFETY PHRASES:

S24 Avoid contact with skin
S37 Wear suitable gloves
S61 Avoid release to the environment. Refer to special instructions/safety data sheets
S62 If swallowed, do not induce vomiting, seek medical advice immediately and show the container or label

16. OTHER INFORMATION.

Cosmetics Directive 7th Amendment: Restrictions may apply. A source of Benzyl Cinnamate, Limonene and Linalool, listed as sensitisers. Check maximum usage levels for skin care products.

PACKAGING:

<u>Type</u>	<u>Suitability</u>
Glass	Yes
Lacquer lined steel/tin	Yes
Aluminium	Yes
HPPE	Yes
F/HDPE	Yes
Other plastic	Yes

SHELF LIFE

When stored within advised conditions, re-test after 12 months then at 3 monthly intervals up to a maximum of 36 months.

Q.C. REQUIREMENTS.

In-line with general product specification. Always satisfy suitability for specific application.

General

This information is given in good faith and is correct to the best of our knowledge. However, we cannot accept responsibility or liability for any consequences arising from its use. The suitability of this product for any particular use is not suggested or implied. This document is not a specification and properties shown are not guaranteed.