

## MATERIAL SAFETY DATA SHEET

<b>1. Product Identification</b>	
Product Name:	Helichrysum (Immortelle) Oil
Botanical Name:	Helichrysum Italicum
CAS #	90045-56-0
Country of Origin:	Slovenia

<b>2. Classification</b>	
UN No.:	N/A

<b>3. Physical &amp; Chemical Properties</b>	
Appearance:	Pale yellow to dark yellow liquid
Odor:	Characteristic aromatic odor
Solubility:	Soluble in alcohol and oils. Almost insoluble in water
Specific Gravity:	0.880 to 0.900 @ 20°C
Optical Rotation:	-10.0 to +10.0 @ 20°C
Refractive Index:	1.475 to 1.490 @ 20°C
Extraction method:	Steam Distillation

<b>4. Fire/Explosion Hazard</b>	
Flash Point:	83°C

<b>5. Reactivity/Stability Data</b>	
Reactivity:	Stable
Decomposition:	N/A

<b>6. Toxicological Properties/Information</b>	
May be irritating to skin and eyes.	

<b>7. Preventive Data</b>	
Spillage:	Absorb spills using an inert, inorganic absorbent material
Fire:	Recommended extinguishing media – CO <sub>2</sub> , foam and dry chemicals
Environment:	Keep away from drains, surface and ground water
Storage:	Store in cool, dry, well ventilated area

<b>8. First Aid Measures</b>	
Eye Contact:	Flush with water for at least 15 minutes and report to physician.

Inhalation:	Remove to fresh air. Avoid casual breathing.
Ingestion:	Rinse mouth and consult physician immediately.
Skin Contact:	Remove contaminated clothing. Wash with soap and plenty of water.

#### 9. Individual Protection of Industrial Use

Always use safety goggles.  
 Handle in a well ventilated area, and avoid breathing in vapor directly.  
 Always avoid skin contact with concentrated product by wearing lab overalls and gloves.

#### 10. Stability and Reactivity

Chemical Stability:	Stable
Conditions to Avoid:	Strong oxidizers

#### 11. Toxicological Information

RTECS#:	N/A
LD50/LC50:	N/A
Carcinogenicity:	N/A
Other:	N/A

#### 12. Ecological Information

Avoid any pollution of ground, surface of underground water.

#### 13. Disposal Considerations

Incineration or sanitary landfill in accordance with federal, state and local regulations.

#### 14. Transport Information

Shipping Name:	Helichrysum (Immortelle) Oil
Hazard Class:	-
UN Number:	-
Packing Group:	-

#### 15. Regulatory Information

WHMIS (Canada):	N/A
HMIS (USA):	N/A
SARA 302/ SARA 313:	None
EU Labeling:	Xn R22: Harmful if swallowed
	Xi R38: Irritating to skin
	S 36/37/38: Wear suitable protective clothing, gloves and eye/face protection

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<b>16. Other Information</b>
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N/A
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