

MATERIAL SAFETY DATA SHEET
URTICA DIOICA (NETTLE) OIL

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: URTICA DIOICA (NETTLE) OIL EXTRACT
INCI Name: Sunflower Seed oil, Urtica dioica (Nettle) Leaf (and)Root Extract, Vitamin E
Product Use: Personal Care Formulations

2. COMPOSITION/INGREDIENT INFORMATION

Composition: Sunflower Seed oil (90%) and Urtica dioica (Nettle) Leaf (and) Root Extract and 0.1%Vitamin E Antioxidant

Helianthus Annuus (Sunflower) Seed Oil: (CAS No: 8001-21-6) (EINECS No: 232-273-9)
Urtica dioica (Nettle) Leaf (and) Root Extract: (CAS No: 84012-40-8) (EINECS No:281-685-5)
Vitamin E (CAS No: 10191-41-0) (EINECS No: 233-466-0)

Hazardous Components: None
No Hazard symbols required

3. HAZARDS IDENTIFICATION

Non-hazardous according to the criteria of the Dangerous Substances Regulations.

Routes of Entry

Eye Contact:	No known hazard
Skin Contact:	No known hazard
Ingestion:	No known hazard
Inhalation:	No known hazard

4. FIRST AID MEASURES

Eyes:	Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.
Skin:	Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation occurs.
Ingestion:	Call a physician.
Inhalation:	Remove to fresh air.
Medical Conditions Generally Aggravated by Exposure:	None

5. FIRE FIGHTING MEASURES

Extinguishing Media:	Dry Chemical, Carbon Dioxide, Foam
Unsuitable Extinguishing Media:	Water
Special Firefighting Procedures:	Limit the spread of oil. Use air supplied equipment for fighting interior fires.
Unusual Fire & Explosion Hazards:	Not established

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Personal Protection:	N/A
Environmental Protection:	Do not allow to enter sewer systems.
Methods for Cleaning Up:	Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water. Area may be slippery; take precautions.

7. HANDLING AND STORAGE

Handling	Keep away from oxidizing agents, excessive heat and sources of ignition. Product may charge electrostatically. Always use earthing leads when transferring from one container to another.
Safe Handling:	
Storage	Store in a cool (15-20°C), dry location, in a sealed container in a well ventilated area.
Requirements for Storage Areas and Containers:	

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Eye:	Not required but safety glasses may be worn.
Skin/Body:	Not required but lab coats and gloves may be worn.
Respiratory:	Not needed under normal conditions of use.
Ventilation:	Handle in well ventilated areas.
Other:	Evaluate need based on application. Slip proof shoes may be worn where spills may occur.
Work/Hygiene Practice:	Normal work and hygiene practices for handling non-hazardous liquid material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid, oily
Color:	Clear, yellow to green
Odor:	Characteristic
Density 20C:	0.920 g/cm ³
Acid Value: (% oleic)	Not available
Vapor Pressure (mm Hg.):	N/A
Vapor Density (AIR = 1):	N/A
Flash Point:	Approx. 300°C
Boiling Point:	N/A
Solubility in Water:	Insoluble

10. STABILITY AND REACTIVITY

Stability:	Stable
Incompatibility (Materials to Avoid):	None
Hazardous Decomposition or Byproducts:	When exposed to fire or excessive heat, the triglycerides contained in this product may form acrolein.
Conditions to Avoid:	None
Hazardous Polymerization:	Will Not Occur

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Exposure:

None

Acute oral toxicity:

LD50 Oral:>20 ml/kg animal weight (rat): Non Toxic

Medical Conditions Generally

None

Aggravated by Exposure:

Irritancy:

Eyes: Non Irritant (DRIAZE TEST, Rabbit)

Skin: Non Irritant (DRAIZE TEST, Rabbit)

Sensitization:

Sensitization test/ guinea pig/Buhler Method: non-sensitizing.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation: Possibly hazardous short term degradation products are not likely.

However, long term degradation products may arise.

Toxicity of the Products

of Biodegradation: Not available.

Special Remarks on the

Products of Biodegradation: Not available

13. DISPOSAL CONSIDERATION

Dispose of according to local authority regulations.

14. TRANSPORT INFORMATION

Not considered hazardous for transport.

FOR TOPICAL COSMETIC USE ONLY

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