

**MATERIAL SAFETY DATA SHEET
HIBISCUS OIL**

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: HIBISCUS SABDARIFFA OIL EXTRACT
INCI Name: Sunflower Seed oil, Coconut oil, Hibiscus Sabdariffa Flowers Extract, Vitamin E
Product Use: Personal Care Formulations

2. COMPOSITION/INGREDIENT INFORMATION

Composition: Sunflower Seed oil (50%), Coconut oil (40%) and Hibiscus Sabdariffa Flowers Extract and 0.1% Vitamin E

Helianthus Annuus (Sunflower) Seed Oil: (CAS No: 8001-21-6) (EINECS No: 232-273-9)

Cocos Nucifera (Coconut) Oil: (CAS No: 8001-31-8) (EINECS No: 232-282-8)

Hibiscus Sabdariffa Extract: (CAS No: 84775-96-2) (EINECS No: 283-920-7)

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.
Safe Handling:	Always use earthing leads when transferring from one container to another.
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
Odor:	Characteristic
Density 20C:	0.910 - 0.925 g/cm ³
Acid Value: (% oleic)	Not available
Vapor Pressure (mm Hg.):	N/A
Vapor Density (AIR = 1):	N/A
Flash Point:	> 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 test/ guinea pig/Buhler Method: non-sensitizing.

Sensitization:

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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