



SAFETY DATA SHEET

01. IDENTIFICATION

NAME OF PREPARATION OR SUBSTANCE: Hibiscus Seed Oil - Virgin Organic

02. HAZARD IDENTIFICATION

PHYSICAL – CHEMICAL HAZARDS

None identified
 Combustible liquid produces oxides of carbon when burning.
 Not applicable
 None identified
 Not applicable
 None identified
 None identified
 None identified

EXPLOSION:
 FLAMMABLE:

OXIDIZING:
 TOXIC:

RADIOACTIVE:
 CORROSIVE:
 MISCELLANEOUS:

ENVIRONMENTAL HAZARDS:
 HEALTH HAZARDS
 ACUTE EFFECTS:

Swallowed – non-toxic, however excessive ingestion of liquid can cause gastric distress and mild diarrhea. May cause mild irritation
 None established
 May be harmful

EYE:
 SKIN:
 INHALATION:

CHRONIC EFFECTS:
 MUTAGENIC EFFECTS:
 REPRODUCTIVE EFFECTS:
 CARCINOGENIC EFFECTS:
 SENSITIZATION:
 INFECTIOUS:
 OTHER EFFECTS:

None established
 None established
 None established
 None established
 None established
 None established
 None established
 Combustion products are harmful if inhaled and can irritate the eyes and respiratory system. Contact with heated material may result in burns.

03. COMPOSITION/INFORMATION ON INGREDIENTS

BOTANICAL NAME: Hibiscus Sabdariffa
 PRODUCT TYPE: Natural vegetable oil
 USA INCI NAME: HIBISCUS SABDARIFFA Seed Oil
 EU INCI NAME: HIBISCUS SABDARIFFA SEED OIL
 INGREDIENTS:

COMPONENT ENTITY	CAS NUMBER	EINECS NUMBER	PROPORTIONS
Organic Hibiscus Seed Oil	84775-96-2	283-920-7	100% pure



04. FIRST AID MEASURES

EYE CONTACT:

Flush immediately with clean water for at least 15 minutes. Ensure irrigation under eyelids. Do not try to remove contact lenses unless trained. Contact a physician as necessary.

SKIN CONTACT:

Remove any contaminated clothing and footwear. Clean before re-use. Wash affected areas thoroughly with soap and water for at least 15 minutes. Contact a physician as necessary.

INHALATION:

Remove from the exposure to fresh air. If breathing has stopped, administer artificial respiration and oxygen if available. Contact a physician as necessary.

INGESTION:

Do not induce vomiting. Wash out mouth with water and give water slowly to dilute (as much as casualty can comfortably drink) provided person is conscious. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. Contact a physician or local poison control center immediately. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.

BURNS:

Quickly immerse affected area in cold water for at least 20 minutes. Contact a physician immediately. Bandage lightly with a sterile dressing. Treat for shock if required. Lay patient down. Keep warm and rested. Transport to hospital, or doctor.

ADVICE TO DOCTOR:

Treat symptomatically. Note the nature of this product.

05. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:

Carbon dioxide; dry chemical; universal-type foam.

UNSUITABLE EXTINGUISHING MEDIA:

Water spray; others not established

UNUSUAL FIREFIGHTING HAZARDS:

None identified

SPECIAL PROCEDURES:

Determine the need to evacuate or isolate the area according to your local emergency plan.

PROTECTIVE EQUIPMENT:

Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving essential oils or chemicals.

COMBUSTION PRODUCTS:

Oxides of carbon.

CONTACT POINT:

Call local emergency authorities.

06. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

Use of self-contained breathing apparatus is recommended for any major chemical spill. Refer also to section 8.

SAFETY PRECAUTIONS:

Eliminate ALL ignition sources. Ventilate area. Determine the need to evacuate or isolate the area according to your local emergency plan.

ENVIRONMENTAL PRECAUTIONS:

METHODS FOR CLEANING UP:

Keep away from drains, surface and ground water. Report spills to appropriate authorities if required. Contain spill and recover free product. Absorb remainder on vermiculite or other suitable absorbent material. Wipe small spills with cloth. Clean with hot water and detergent. Refer also to Section 13 for disposal procedures.

07. HANDLING AND STORAGE

HANDLING:

Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before re-use.

STORAGE:

Not a hazardous material. Not a scheduled poison. Containers should be kept closed in order to minimize contamination. Store in a cool, dry, well ventilated place protected from light. Refrigeration storage recommended. Keep from extreme heat and away from ALL sources of ignition.

UNSUITABLE PACKAGING MATERIALS:

None established

SPECIAL PROCEDURES:

None established

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:

None generally required. Use NIOSH approved respiratory in confined areas or if ventilation is inadequate.

VENTILATION PROTECTION:

Ensure adequate ventilation to keep exposure levels to a minimum. General exhaust is recommended.

EYE PROTECTION:

Using goggles or face shield is recommended.

PROTECTIVE GLOVES:

Using chemical resistant gloves is recommended.

PROTECTIVE CLOTHING:

Using chemical resistant clothing is recommended.

PROTECTIVE EQUIPMENT:

An eyewash fountain and/or safety shower should be available in the work area.

SPECIAL ENGINEERING CONTROLS:

None established

NOTE:

These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require additional precautions.

09. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE:

Clear, brownish yellow, oily liquid.

ODOR:

Characteristic

ODOR THRESHOLD:

Not available

SPECIFIC GRAVITY:

0.900 to 0.930 @25°C

REFRACTIVE INDEX:

1,46 to 1,48 @25°C

SOLUBILITY:

Soluble in vegetable oils

SOLUBILITY IN WATER:

Insoluble

FLASH POINT:

> 200°C (Test unknown)

FLAMABILITY LIMITS:

Not available



AUTOIGNITION TEMPERATURE: Not available
MELTING POINT: Not available
BOILING POINT: Not available
VAPOR PRESSURE: Not available
VAPOR DENSITY: Not available

10. STABILITY & REACTIVITY

STABILITY: Chemically stable, non hazardous material. This material presents no significant reactivity hazard.
CONDITIONS TO AVOID: None established
MATERIALS TO AVOID: Strong acids, strong alkalis and oxidizing agents
FLAMMABILITY: Combustible liquid
HAZARDOUS POLYMERIZATION: Will not occur
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: Carbon monoxide and unidentified organic compounds may be formed during combustion.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Not available
EXPOSURE LIMITS: None established
SHORT TERM TOXICITY: None established
LONG TERM TOXICITY: None established
HUMAN EXPOSURE TESTS: None established

12. ECOLOGICAL INFORMATION

ECO-TOXICITY: None established. Avoid pollution to soil, rivers and the ocean.
MOBILITY: Low mobility in the soil.
PERSISTENCE AND DEGRADABILITY: Low persistence level and readily biodegradable.
BIO-ACCUMULATIVE POTENTIAL: None established
OTHER ADVERSE EFFECTS: None established

13. DISPOSAL CONSIDERATIONS

WASTE MATERIAL: Place material and/or absorbent into sealed containers and dispose of in accordance with current applicable laws and regulations. Refer to local authority advice.
CONTAMINATED PACKAGING: Dispose of in accordance with current applicable laws and regulations. Refer to local authority advice.
NOTE: Empty containers can have residues, gases, and mists. Use the proper waste disposal methods and procedures for empties as well.

14. TRANSPORT INFORMATION

TRANSPORTATION: Not Dangerous Goods according to criteria of the Dangerous Goods Code for Transport by Road and Rail. No special transport required. Not to be transported with Classes 1 (Explosives), 2.1 (Flammable Gases) (this only applies when in bulk), 2.3 (Poisonous



Gases), 4.2 (Spontaneously Combustible Substances), 5.1 (Oxidizing Agents), 5.2 (Organic Peroxides), 7 (Radioactive Substances)

PROPER SHIPPING NAME:
UN NUMBER:
PACKAGING GROUP:
DG CLASS:
POISON SCHEDULE:
HAZCHEM CODE:

Not regulated
Not allocated
Not allocated
Not allocated
Not scheduled
Not allocated

15. REGULATORY INFORMATION

RISK SYMBOLS:
RISK PHRASES:
SAFETY PHRASES:
WARNING STATEMENTS:
SAFETY DIRECTIONS:
STANDARD STATEMENTS:

Not allocated
Not allocated
Not allocated
Not allocated
Not allocated
Not allocated

16. OTHER INFORMATION:

None available