



Section 1. Product and Company Identification

**Product Name** Moringa Oil  
**CAS Number** 93165-54-9

**Parchem - fine & specialty chemicals**  
**415 Huguenot Street**  
**New Rochelle, NY 10801**  
☎ (914) 654-6800 ☎ (914) 654-6899  
🌐 [parchem.com](http://parchem.com) ✉ [info@parchem.com](mailto:info@parchem.com)

**EMERGENCY RESPONSE NUMBER**  
CHEMTEL  
Toll Free US & Canada: 1 (800) 255-3924  
All other Origins: 1 (813) 248-0585  
Collect Calls Accepted

Section 2. Hazards Identification

**Classification of the substance or mixture**  
Not classified as a hazardous substance or mixture

**GHS Label Elements**

**Pictograms:**  
**Signal word:** N/A

**Hazard and precautionary statements**

None

**Special Hazard For Personnel And Environment:** Not to be expected if handled and used properly.

Section 3. Composition / Information on Ingredients

**Common Name** Moringa Oil  
**Synonym(s)** Moringa oleifera seed oil; Triacylglycerol  
**CAS Number** 93165-54-9

Section 4. First Aid Measures

**Skin Contact:** Due to its use in cosmetics, no adverse effects are expected. If irritation occurs, wash exposed area with soap and water.

**Inhalation:** Not a direct hazard.

**Eye Contact:** Rinse thoroughly with a lot of water for some minutes.

**Ingestion:** Not a direct hazard.

Section 5. Firefighting Measures

**Extinguishing Media:** Dry fire extinguisher, Carbon dioxide

**Not To Be Used Extinguishing Media:** Water. But use water to cool fire exposed containers.

**Special Exposure Hazard of Substance or Production, Its Combustion Products and Gases Thereof:** In case of insufficient ventilation, wear suitable respiratory equipment.

**Combustion Products:** Irritation gases, Carbon monoxide, Carbon dioxide.

**Special Protection for Firefighting Purposes:** According to size of fire. If necessary, full protection, gas mask with independent air supply.

#### Section 6. Accidental Release Measures

**Precautions Related To Personnel:** Be careful! Danger of sliding possible. Avoid contact with eyes.

**Precautions Related To The Environment:** Try to avoid spilling. Do not empty into drain. Restrict spill to smallest possible area.

**Procedure for Clean-Up/Removal:** Cover with absorbent material (Universal binding material, paper towels, sand, siliceous earth). Remove sources of ignition.

#### Section 7. Handling and Storage

**Handling:** Keep away from sources of ignition - No smoking. Be careful! Danger of sliding possible. Do not heat in microwave oven. Avoid contact with eyes. Read the regulations on the label carefully.

**Storage:** Store product only in closed original packaging. Keep in a cool and dark place. Keep away from heat.

**Requirement For Storage Facilities And Containers:** Air and waterproof glass or plastic resin containers. Uncoated containers not suitable.

**Additional Storage Conditions Remarks:** The lower the storage temperature the better will be the storage stability.

**Temperature:** Refrigeration temperature (5 - 10°C).

#### Section 8. Exposure Controls / Personal Protection

**Additional Remarks for Technical Equipment Devices:** If necessary melt in water bath.

##### Personal Protection Devices

**Measures for General Protection and Hygiene:**

**Respiratory Protection:** No special respirator needed.

**Hand/Skin Protection:** Wear suitable gloves and normal protection clothing or apron.

**Eye Protection:** Eye security glasses, with side shields.

#### Section 9. Physical and Chemical Properties

##### Appearance

**Form:** Liquid oil

**Color:** Clear yellow

**Odor:** Neutral odor



**Melting Point:** Max 10°C  
**Boiling Point:** More than 300°C  
**Smoke Point:** 150°C to 200°C  
**Flash Point:** >250°C.  
**Ignition Temperature:** >300°C.  
**Auto-flammability:** No  
**Fire Provoking Characteristics:** Temperature of more than 200°C and strong air circulation.  
**Explosive Properties:** Not explosive.  
**Explosion Limits:** Not explosive.  
**Vapor Pressure:** Less than 0.001 mm Hg.  
**Density:** 0.91 - 0.93 kg/m<sup>3</sup> at 20°C  
**Water Solubility:** Insoluble  
**pH (10g/l):** neutral at 20°C

#### Additional Information

**Thermal Decomposition:** At temperature more than 150°C.  
**Explosion Limits:** None.

#### Section 10. Stability and Reactivity

##### General Information

**Conditions to be Avoided:** Influence of light and heat.  
**Substance to be Avoided:** Protect from humidity and strong oxidizing agents.  
**Dangerous Decomposition Product:** Irritating gas. Carbon monoxide, Carbon dioxide

#### Section 11. Toxicological Information

**Toxicological Testing:** No skin irritation, no eye irritation, no sensitization.  
**Practical Experience:** Vegetable oils have been sold and used for thousands of years as foods and cosmetics.  
**General Considerations:** None.

#### Section 12. Ecological Information

**Information on Elimination:** Readily biodegradable.  
**Behavior in Ecological Settings:** None.  
**Toxic Effects on the Ecosystem:** None.  
**Additional Ecological Information:** None.

#### Section 13. Disposal Considerations

**Waste Treatment Methods:** Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

**Land Transportation ADR/RID AND GVS/GGVE:** None.

**GGVS/GGVE:** None.

**ADR/RID:** None.

**Warning Board Hazard Number:** None.

**Description of Goods:** None.

**Further Information:** None.

**Dispatch Symbols:** None.

**Express:** None.

**Mail:** None.

**Inland Navigation ADN/ADNR:** None.

**Further Information:** None.

**Offshore Sea Transportation IMDG/GGVESEE:** None.

**IMDG/GGVSEE Class:** None.

**EMS Number: MFAG:** None.

**Marine Pollutant:** None.

**Correct Technical Name:** None.

**Technical Name:** None.

**Proper Shipping Name:** None.

**Further Information:** None.

**Shipping Symbols:** None.

**Air Transportation ICAO-TI and IATA-DGR:** None.

**ICAO/IATA Class:** None.

**Correct Technical Name:** None.

**Technical Name:** None.

**Proper Shipping Name:** None.

**Further Information:** None.

**Shipping Symbols:** None.

**Packing Regulations**

**PAC:** Max. net: None.

**CAO:** Max. net: None.

**Transportation/Additional Information:** Not considered as a dangerous material according to the above mentioned regulations.

Section 15. Regulatory Information

**Labelling According To EU Regulations:** N/A

**EU Number:** Not yet available



**EU/R:** N/A

**EU/S:** N/A

**National Regulations:** N/A

**Classification According To VBF:** N/A

**Water Pollution Class:** N/A

Section 16. Other Information

**Disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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