

PhytoProtect™

MATERIAL SAFETY DATA SHEET

SECTION 1 Chemical product and Company identification

Product Name: PhytoProtect™

Chemical name: Unrefined Crude Sesame Oil (Not for Food Consumption)

TSCA/CAS No.: Product is primarily Sesame Oil (**CAS#:** 8008-74-0)

Product Use: Nematicide

Supplier: SINERIA HOLLAND BV
Randwycksingel 20-A015
6229 EE Maastricht The Netherlands
www.sineria.com

SECTION 2 Composition/Information on Ingredients

<u>Product Name</u>	<u>Content</u>	<u>CAS NR</u>
PhytoProtect™	Unrefined Crude Sesame Oil	8008-74-0

SECTION 3 Hazards Identification

Amber, viscous liquid with slight odor. May cause eye irritation. Not D.O.T. regulated.

HEALTH: 1 REACTIVITY: 0 FLAMMABILITY: 0 ENVIRONMENT: 0

(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

SECTION 4 First Aid Measures

Eyes: Rinse eyes with plenty of running water for at least 15 minutes. Get medical attention if irritation persists.

Skin: Wash with plenty of soap and water. Remove contaminated clothing and shoes. Get medical attention if irritation persists.

Ingestion: Drink water. If adverse reaction occurs, call a Poison Control Center or physician immediately. Do not give anything by mouth to an unconscious person.

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth and get medical attention



SECTION 5 Fire Fighting Measures

Flash Point:	450°F (232°C)
Test Method:	Closed Cup.
LEL Flammable Limits:	Not available
UEL Flammable Limits:	Not available
Autoignition Temperature:	Not available
Flammability Classification:	Non flammable.
Known Hazardous Products of Combustion:	Not known
Properties that Initiate/Contribute to Intensity of Fire:	Not known
Potential For Dust Explosion:	None
Reactions that Release Flammable Gases or Vapors:	Not known
Potential For Release of Flammable Vapors:	Not Known
Unusual Fire & Explosion Hazards:	None
Extinguishing Media:	Foam, carbon dioxide, dry chemical are preferred. Water may cause splatter or spread.
Special Firefighting Procedures:	Wear positive pressure, self-contained breathing apparatus and full protective clothing. Avoid smoke inhalation. Contain any liquid runoff.

SECTION 6 Accidental release measures

Containment:	Prevent product spillage from entering drinking water supplies or streams.
Clean Up:	Collect liquid or absorb onto absorbent material and package for disposal.
Evacuation:	Not necessary.

SECTION 7 Handling and storage

Storage:	Store in original container only in a cool, well-ventilated, dry place at temperatures between 40 and 95°F. Do not store near food or feeds. Do not stack pallets more than two (2) high.
Transfer Equipment:	Transfer product using chemical-resistant plastic or stainless steel tanks, pumps, valves, etc.
Work/Hygienic Practices:	Keep out of reach of children. Causes eye irritation. Avoid breathing spray mists or vapors. May be harmful if swallowed. Avoid contamination of feed or foodstuffs. After using this product remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water.

SECTION 8 Exposure controls/Personal protection

Eyes:	Chemical dust/splash goggles or full-face shield to prevent eye contact. As a general rule, do not wear contact lenses when handling.
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Skin: Impervious gloves and clothes.
Respiratory: Not normally needed. If use generates an aerosol mist or respiratory irritation, use NIOSH-approved dust/mist respirator (such as 3M #8710).
Ventilation: Recommended but no TLV established.

SECTION 9 Physical & Chemical properties

Appearance: Amber, viscous liquid.
Odor: Slight odor.
pH: Not determined.
Vapor Pressure: None.
Vapor Density (Air=1): Not available.
Boiling Point: Not available.
Freezing Point: 32°F.
Water Solubility: Dispersible in water. (Soluble in vegetable and mineral oils.)
Density: 8.5 – 8.8 lbs./gal
Evaporation Rate: Not determined.
Viscosity: Not available.
% Volatile: Not available.
Octanol/Water Partition Coefficient: Not available.
Saturated Vapor Concentration: Not available.

SECTION 10 Stability & Reactivity

Stability: Stable.
Conditions to Avoid: Overheating.
Incompatibility: Not available.
Hazardous Decomposition Products: None.
Hazardous Polymerization: Will not occur

SECTION 11 Toxicological Information

Acute Effects:
Eyes: May cause eye irritation.
Skin: May cause slight irritation, especially from prolonged exposure. May cause redness.
Ingestion: May cause stomach cramps and/or nausea.
Inhalation: None expected but inhalation may cause mild irritation of nasal mucous membranes.
Subchronic Effects: None known.
Chronic Effects: None known.



SECTION 12 Ecological Information

Algal/Lemna Growth Inhibition:	Not known.
Toxicity to Fish and Invertebrates:	Not known.
Toxicity to Plants:	Not known.
Toxicity in Birds:	Not known.

SECTION 13 Disposal Considerations

Do not contaminate lakes, streams, ponds, estuaries, oceans or other waters by discharge of waste effluents or equipment wash waters. Dispose of waste effluents in accordance with state and local waste disposal regulations. Also, chemical additions or other alterations of this product may invalidate any disposal information in this MSDS. Therefore, consult local waste regulators for proper disposal.

SECTION 14 Transport Information

DOT.:	Not DOT. Regulated.
Other Shipping Description:	Oil (Other than Petroleum), Liquid or Solidified. NMFC Item 145100, LTL Class 65

SECTION 15 Regulatory Information

<u>CERCLA:</u>	None.
<u>SARA TITLE III, Section 313 Toxic Chemicals:</u>	None

SECTION 16 Other Information

The information contained in the Material Safety Data Sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as a warranty or as a specification. The information relates only to the product specified and may not be suitable for use with other materials or in processes other than those specifically described herein.

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