



NATURESCROPS
INTERNATIONAL

P.O. Box 248, 12682 Route 6
Kensington, PEI C0B 1M0, Canada
P +1 902-836-3332 F +1 902-836-4506

www.naturescrops.com

SAFETY DATA SHEET

Abyssinian Seed Oil

1. IDENTIFICATION

Product Identification

Abyssinian Seed Oil

Other Means of Identification

Crambe abyssinica seed oil

Recommended Use

Emulsion

Restrictions on Use

None

Company Supplier Details

Nature's Crops International

P.O. Box 248, 12682 Route 6

Kensington, PE C0B 1M0, Canada

Tel: +1 902 836-3332

Emergency Telephone Number

For inquiries about this product, call +1 902 836 3332

2. HAZARD IDENTIFICATION

Classification

No hazardous material in this liquid.

Inhalation

No known hazards under normal conditions with adequate ventilation.

Skin Contact

No known hazards.

Eye Contact

Mild irritation may occur.

Ingestion

No known hazards.

Label Elements

None required.

Other Hazards

Vegetable Oil Mist

Environment

Likely to be fully biodegradable so unlikely to contaminate soil, ground, or surface water.



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3. COMPOSITION/INFORMATION ON INGREDIENTS

The product does not belong to any list of substances supposedly hazardous to human or animal health and is not classified as dangerous according to the Directive 88/379/EEC or its amendments.

Ingredients 100% Vegetable oil triglycerides.

Chemical Identification

INCI Name:	Crambe Abyssinica Oil
EINECS	273-313-5
CAS	NA

4. FIRST-AID MEASURES

Inhalation If inhaled: move to fresh air and breathe normally in a comfortable position.

If breathing is difficult give oxygen.

Skin Contact Oil can be removed from skin by washing with soap and water.

Hot oil could result in burns to the contact part. In the event, follow standard first aid procedures for treating burns.

Eye Contact Eyes should be flushed with plenty of water for at least twenty minutes holding the eye open. Get medical attention if irritation persists.

Ingestion Do not induce vomiting. Consult medical personnel if symptoms develop.

Most Important Symptoms and Effects, Acute and Delayed None.

Immediate Medical Attention and Special Treatment Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Class "B" fire extinguisher; CO₂ Foam, Dry Chemical, etc.
Keep containers and surroundings cool with water spray.



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Extinguishing Media to be Avoided

Water.

Specific Hazards Arising from the Product

Hazardous combustion products: produces carbon dioxide, carbon monoxide, and smoke.

Special Protective Equipment and Precautions for Firefighters

Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions/Protective Equipment

Ensure adequate ventilation.

Environmental Precautions

Try to prevent material from entering drains or water courses as there may be short term pollution.

Methods for Containment and Cleaning Up

Spills from fats and oils produce slippery surfaces. Isolate spill area immediately. Keep unauthorized personnel away. Ventilate closed spaces before entering. Do not touch or walk through spilled material. Employ normal sanitation procedures to reduce risk. Absorb material on clay, sawdust, or other material.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Use a well-ventilated area. Avoid inhaling vapour. Avoid contact with eyes, skin, and clothing. Keep container lightly closed when not in use.

Conditions for Safe Storage

Store in a cool (17-22°C), dry location, in a sealed container. Exposure of material to air, heat, or water may cause deterioration in quality.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Occupational Exposure Guidelines

None set.



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Appropriate Engineering Controls

Exposure Control Measures

Whenever possible material should be handled in a well-ventilated area e.g. dilution and local exhaust ventilation.

Individual Protection Measures

Eye Protection

Safety glasses, goggles, or face shield.

Skin Protection

PVC gloves.

Respiratory Protection

Use self-contained respiratory equipment in closed systems.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Clear, light yellow liquid at room temperature.

Odour

Characteristic.

Odour Threshold

Not Determined

pH Value

Not Applicable

Melting Point

Not Determined

Freezing Point

Not Determined.

Boiling Point

Not Determined

Boiling Range

Not Determined

Flash Point

400°F

Evaporation Rate

Not Determined

Flammability

Not Determined.

Explosive Limits

Not Determined

Vapour Pressure

Not Determined.

Vapour Density

Not Determined

Relative Density

0.90-0.92 g/ml

Solubility in Water

Insoluble.

Solubility in Ethanol

Soluble.

Partition Coefficient

Not Determined.



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<u>Autoignition Temperature</u>	Not Determined
<u>Decomposition Temperature</u>	Not Determined
<u>Viscosity</u>	Not Determined

10. STABILITY AND REACTIVITY

<u>Reactivity</u>	Not reactive under recommended storage conditions
<u>Chemical Stability</u>	Stable under recommended storage conditions.
<u>Possibility of Hazardous Reactions</u>	None anticipated
<u>Conditions to Avoid</u>	High temperatures.
<u>Incompatible Materials</u>	Strong oxidising reagents.
<u>Hazardous Decomposition Products</u>	None anticipated

11. TOXICOLOGICAL INFORMATION

Not classified as hazardous according to EU Dangerous Substance Directive or Dangerous Preparations Directives. If this product is used correctly it will not cause any injuries to health.

Acute Toxicological Information

Oral	Not Determined
Dermal	Not Determined
Inhalation	Not Determined
Skin	Expected to be essentially non-irritating.
Eyes	Expected to be a mild transient irritant if not washed out.
LD50/Oral/Dermal	Not Determined

12. ECOLOGICAL INFORMATION

<u>Ecological Information</u>	No adverse eco-toxic effects known.
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Biodegradability

Expected to be readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Product Disposal

Do not put in sewer lines. Absorb in vermiculite or dry sand, dispose in licensed special waste. Dispose in accordance with local authority requirements.

Container Disposal

Labels should not be removed from containers before they have been cleaned. Empty containers should be thoroughly washed out with water before being disposed of. Do not incinerate closed containers.

14. TRANSPORT INFORMATION

US Department of Transportation Ground (49 CFR)

Proper shipping name: Not regulated

International Air Transportation (ICAO/IATA)

Proper shipping name: Not regulated

International Maritime Organization (IMO/IMDG)

Proper shipping name: Not regulated

Surface Shipments in Europe (ADR/RID)

Proper shipping name: Not regulated

Canada Transportation of Dangerous Goods (TDG)

Proper shipping name: Not regulated



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15. REGULATORY INFORMATION

Regulatory Information

Not a hazardous substance or preparation according to EC-directives
67/548/EEC or 1999/45/EC.

Safety Phases

S-7 Keep containers tightly closed
S-26 In case of contact with eyes, rinse immediately with plenty of water
S-36/37/39 Wear suitable protective clothing, gloves, and eye/face protection

Label Name

Abyssinian Seed Oil

16. OTHER INFORMATION

The information contained herein was correct, to the best of the Company's knowledge at the date of issue. The content of the Safety Data Sheet is directed towards the safe handling and storage of the product. However, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state and local laws and local regulations remains the responsibility of the user.

The content of the Safety Data Sheet is directed towards the safe handling and storage of the product.

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