



1. PRODUCT AND COMPANY IDENTIFICATION

Product name	Broccoli Seed Carrier Oil
Product code	CO-BROCC
Botanical name	Brassica oleracea
CAS #	68956-68-3
Product use	Domestic and Industrial
Supplier	WFMed
Address	8245 Backlick Rd Unit D, Lorton VA 22079 USA
Telephone number	888-WFMED-97 (888-936-3397)
Emergency phone number	888-WFMED-97 (888-936-3397)

2. HAZARD(S) IDENTIFICATION

GHS Hazard Classification

Not a hazardous substance or mixture.

GHS Label Elements

Not a hazardous substance or mixture.

Hazards Not Otherwise Classified (HNOC)

No data available.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Product Name	CAS NO	Concentration
Broccoli Seed Oil	68956-68-3	100%

4. FIRST-AID MEASURES

Description of first aid measures

Eye Contact

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Remove contacts, if present and easy to do so. Consult a physician if irritation occurs.

Skin Contact

If irritation occurs, remove contaminated clothing and wash with soap and plenty of water. Consult a physician if irritation persists.

Inhalation

If breathing is difficult, remove from exposure and move to fresh air. Consult a physician if you feel unwell.

Ingestion

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Consult a physician if you feel unwell.

Most important symptoms and effects, both acute and delayed

No data available.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Extinguishing media

Avoid using water. Use smothering materials, treat as oil fire.

Specific hazards arising from the chemical

Contains oil. May splatter and foam from contact with water. Avoid contact with hot oil

Special protective equipment and precautions for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Further information

No data available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear protective clothing, protective breathing apparatus, and follow general fire precautions indicated the in workplace.

Environmental precautions

Do not allow product to reach sewage system or any waterways. Inform respective authorities in case of spillage into waterways or sewage system.

Methods and materials for containment and cleaning up**Methods for containment**

Contain and collect spillage with non-combustible absorbent material (sand, earth, diatomaceous earth), and place in container for disposal according to local/national regulations.

Methods for cleaning up

Cover liquid spill with sand, earth or other non-combustible absorbent material. Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Ensure good ventilation or exhaust in workplace. Do not allow contact with eyes.

Conditions for safe storage, including any incompatibilities

Storage conditions

Keep in a dry, cool and well-ventilated place. Keep out of reach of children. Avoid direct sunlight and sources of heat or ignition. Opened containers should be carefully resealed and kept upright to prevent leakage.

Incompatible materials

Avoid contact with alkaline substances, will react and produce heat.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters

Vegetable oil mist – NIOSH REL: 10mg/m³ TWA, OSHA PEL: 15mg/m³ TWA*
*CDC, NIOSH Pocket Guide to Chemical Hazards

Exposure controls

Engineering controls

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/Face protection: Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

Skin/Body protection: Avoid contact with skin. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practices. Avoid breathing (dust, vapor, mist, gas). Regular cleaning of equipment, work area, and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Light to dark gold-green color
Odor	Characteristic
Flash point	> 200 °C (392 °F)
Specific gravity (@ 25°C)	0.905 - 0.915
Solubility	Soluble in other oils. Insoluble in water.
Extraction Method	Cold pressing of the seeds.

10 . STABILITY AND REACTIVITY

Reactivity

No dangerous reaction known under conditions of normal use.

Chemical stability

Stable under recommended storage conditions.

Possible hazardous reactions

None under normal processing.

Conditions to avoid

Avoid alkaline substances.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition

No data available.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects**Acute toxicity**

No data available.

Skin corrosion/irritation

No data available.

Serious eye damage/eye irritation

No data available.

Respiratory or skin sensitisation

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

Aspiration hazard

No data available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available.

Persistence and degradability

Known to be biodegradable.

Bioaccumulative potential

Not bioaccumulating.

Mobility in soil

No data available.

Other adverse effects

No data available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Product

Dispose of product in accordance with local regulations.

Contaminated packaging

Do not reuse container.

14. TRANSPORT INFORMATION

US DOT (Land)

Not regulated.

IMDG/IMO (Sea)

Not regulated.

IATA/ICAO (Air)

Not regulated.

15. REGULATORY INFORMATION

California Proposition 65

Not regulated.

US State Right-to-Know Regulations

Not regulated.

16. OTHER INFORMATION

Creation date: 6/2/2015

Revision date: 7/26/2018

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