



ChemX Omega 3 Oil

Safety Data Sheet

1. Identification of the Substance and of the Company

- 1.1 Identification of the substance
Trade name: ChemX Omega 3 Oil
INCI name: Brassica Campestris seed oil
Linum Usitatissimum seed oil
- 1.2 Recommended use: Raw material for cosmetic formulations
- 1.3 Identification of manufacturer/distributor
Distributor: **Chemistry Connection**
Street address: 253 Sturgis Road
Zip Code/City: Conway, AR 72034
Phone: (501) 470-9689
Email address: contact@thechemistryconnection.com

2. Hazards Identification

- 2.1 Special hazard for people or environment: Not to be expected if handled and used properly.

3. Composition/Information on Ingredients

- 3.1 Chemical description (mixture): Triacylglycerol
Common name: ChemX Omega 3 Oil
CAS number: 90889-79-0/8002-13-9
8001-26-1
EINECS number: 232-299-0 / 292-737-1
232-278-6
Identification number(s): EU number: Not yet available

4. First Aid Measures

- 4.1 General measures:
- 4.2 Upon inhalation:
- 4.3 Upon skin contact: Not dangerous under normal conditions.
- 4.4 Upon eye contact: Rinse thoroughly with a lot of water for some minutes.
- 4.5 Upon ingestion: Not a direct hazard.



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5. Fire Fighting Measures

5.1

General information:

5.2

5.3 Extinguishing media: Dry fire extinguisher. Carbon dioxide.

5.4

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.

5.5

Combustion products: Irritation gases. Carbon monoxide and Carbon dioxide.

Special protection for fire fighting purposes: According to size of fire. If necessary full protection, gas mask with independent air supply.

6. Accidental Release Measures

6.1

Precautions related to personnel: Be careful! Danger of sliding possible.

6.2

Precautions related to the environment: Try to avoid spilling. Do not empty into drain. Restrict spill to smallest possible area.

6.3

Procedure for clean-up/removal: Cover with absorbent material (e.g. Universal binding material, paper towels, sand, and siliceous earth). Remove sources of ignition.

7. Handling and Storage

7.1

Handling: Keep away from sources of ignition - No smoking. Be careful! Danger of sliding possible. Do not heat in microwave oven.

7.2

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 water proof 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).



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8. Exposure Controls/ Personal Protection

8.1 Additional remarks for technical equipment devices: If necessary melt in water bath.

8.2 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.

9. Physical and Chemical Properties

- 9.1 Appearance:
- | | |
|---------|--------------|
| Form: | Clear liquid |
| Colour: | Yellow |
- 9.2 Data relevant to safety: Method (67/584/EU):
- | | |
|---|---|
| Change in physical state: | |
| Melting point: | Max 10 °C |
| Boiling point: | More than 300°C |
| Smoke point: | 220°C |
| Flash point (AOCS Cc 9a-48): | 290°C |
| Ignition temperature: | 370°C |
| Autoflammability: | None |
| Fire provoking characteristics: | Temperature of more than 200 °C and strong air circulation. |
| Explosive properties: | Not explosive. |
| Explosion limits: | Not explosive. |
| Vapour pressure: | Less than 0.001 mm Hg. |
| Density: | 0.90 - 0.92 kg/m ³ at 20°C |
| Water solubility: | Insoluble |
| pH (10g/l): | Neutral at 20°C |
| Distribution coefficient octanol/water: | N/A |
| Viscosity: | 20 to 35 mPa s at 37°C |
- 9.3 Additional data:
- | | |
|------------------------|---------------------------------|
| Thermal decomposition: | At temperature more than 150°C. |
| Explosion limits: | None. |



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10. Stability and Reactivity

10.1 General information.

10.2 Conditions to be avoided: Influence of light and heat.

10.3 Substance to be avoided: Protect from humidity and strong oxidizing agents.

10.4 Dangerous decomposition product: Irritating gases: Carbon monoxide and Carbon dioxide.

11. Toxicological Information

11.1 Toxicological testing: Non-toxic

11.2 Practical experience: Vegetable oils have been sold and used for thousands of years for food and cosmetics.

11.3 General considerations: None

12. Ecological Information

12.1 Information on elimination: Readily biodegradable

12.2 Behaviour in ecological settings: Degrading

12.3 Toxic effects on the ecosystem: None

12.4 Additional ecological information: N/A

13. Disposal Considerations

13.1 Product: Vegetable oil.

Suggested procedure: Suitable incineration plant. Take notice of national special regulations.

Disposal code: Suitable waste-disposal site.

13.2 Packaging not cleaned: Flush with lukewarm water with any cleaning detergent.
Suggested procedure:



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Suggested detergent:

14. Transportation Information

14.1 Land transportation ADR/RID and GVS/GGVE:

GGVS/GGVE:

ADR/RID:

Warning board hazard number:

Substance number:

Description of goods:

Further information:

Dispatch symbols:

Express:

Mail:

14.2 Inland navigation ADN/ADNR:

Further information:

14.3 Offshore sea transportation IMDG/GGVESee:

IMDG/GGVSEE CLASS:

Ems number: MFAG:

Marine pollutant:

Correct technical name:

Technical name:

Proper shipping name:

Further information:

Shipping symbols:

14.4 Air transportation ICAO-TI and IATA-DGR:

ICAO/IATA class:

Correct technical name:

Technical name:

Proper shipping name:

Further information:

Shipping symbols:

Packing regulations:

PAC:

Max. net:

CAO:

Max. net:

14.5 Transportation/additional information: Not considered as a dangerous material according to the above mentioned regulations.

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