

1. - Identification of the substance/preparation and of the company/undertaking**1.1- Substance Identification:****Trade name:** Vitaslim® 80 TG**Chemical name:** Conjugated Triglyceride Linoleic Acid.**1.2. - Uses of the substance:**

“Vitaslim® 80 TG” is widely used in nutrition as dietary supplement and functional foods

1.3. - Company identification:

VITAE NATURALS

C/ Gutemberg 356. Polígono Torrehierro
45614 Talavera de la Reina. Toledo. Spain.

Tel: +34 925 85 10 13

Fax: +34 925 85 10 21

www.vitaenaturals.comquality@vitaenaturals.com**1.4. - Emergency telephone:**

National Institute of toxicology: +34 91 562 04 20.

2. - Hazards Identification.

Low hazard for usual industrial or commercial handling by trained personnel.

Health rating: 1 (slight)

Flammability rating: 1 (slight)

Chemical reactivity rating: 0 (none)

Contact rating: 0 (none)

3. - Composition/Information on ingredients**Component:** Conjugated linoleic triglyceride containing mainly (c-9, t-11) and (t-10, c-12) CLA(MF: C₁₈H₃₂O₂)

(Molecular weight: 280.44)

CAS Reg. N°: 2420-56-6 (t-10, c-12)

CAS Reg. N°: 2540-56-9 (c-9, t-11)

4. - First-Aid Measures.

Inhalation: If symptomatic, move to fresh air. Get medical attention if symptoms persist.

Ingestion: Material is of sufficiently low toxicity that induction of vomiting should not be necessary. Never give anything by mouth to an unconscious person.

Eyes: Any material that contacts the eyes should be washed out immediately with water for at least 20 minutes. Get medical attention if symptoms persist.

Skin: Wash with soap and copious amounts of water. Get medical attention if symptoms occur. Remove contaminated clothing.

5. - Fire-Fighting Measures.

Suitable extinguishing media:

Water spray, Carbon dioxide, Dry chemical powder or appropriate foam.

Extinguishing media which must not be used for safety reasons:

Water.

Special exposure hazards arising from the product itself, from combustion products or from resulting gases:

Irritant vapours (acrolein) may be formed in case of thermal combustion.

Special protective equipment for fire-fighters:

Wear self-contained breathing device as well as protective clothing, because water or foam may cause frothing and it is necessary to prevent contact with skin and eyes.

6. - Accidental release measures.

Personal precautions:

In heated condition exists risk of splattering in case of contact with waste. Be aware of slipping

Environmental precautions:

Do not allow to flow into drainage systems. Dispose in accordance to local regulations, preferably by incineration

Methods of cleaning up:

Absorb spill on sand or vermiculite, then place in a closed container for its disposal. Ventilate area and wash spill site with soap and water after material pickup is complete.

7. - Handling and Storage.**Prevention of fire or explosion:**

Risk of explosion in case of welding on empty drums/tanks

Handling:

Palletized drums and pails should be handled carefully. Stacking of more than two pallets on top of one another should be avoided. Keep away from sources of ignition. Pregnant females should avoid exposure to this compound.

Storage:

Keep in a tightly closed container. Store at ambient temperature and under dry conditions and nitrogen blanketing. Keep protection from light, heat, moisture, dust and contaminants. Protect from contamination. Keep away from odorous and toxic substances. This product may be used in food.

8. - Exposure controls/Personal protection.**Exposure limits:**

Not established.

Components with specific control parameters:

None.

Personal protection:

Respiratory protection: If engineering controls do not maintain airborne concentrations to an acceptable level, an approved respirator must be worn.

Skin protection: Wear protective gloves and clean body-covering clothing.

Eye protection: Use chemical safety goggles. Have an eye wash fountain in the work area.

9. - Physical and Chemical Properties.

| | |
|-------------------------------------|--|
| Appearance/Colour: | Colourless, clear liquid at room temperature |
| Odour: | Neutral, to characteristic for oil |
| pH: | not applicable |
| Boiling point: | not available |
| Flash point: | > 180°C |
| Slip melting point | -8°C |
| Specific gravity (at 70 °C): | 880 Kg/m ³ |
| Vapor Pressure (300°C): | <0.1 mbar |
| Vapor Density (Air=1): | not available |
| Evaporation rate: | not available |
| Solubility in water: | insoluble |
| Viscosity (60°C): | not available |
| Lower explosive limit: | not available |
| Upper explosive limit: | not available |
| Auto flammability: | ±350°C |

10. - Stability and Reactivity.**Conditions to avoid:**

No data available

Materials to avoid:

Strong oxidizing agents, protect from moisture.

Hazardous combustion or decomposition products:

Carbon monoxide, carbon dioxide. In case of thermal analysis acrolein will be formed.
Hazardous polymerization will not occur.

11. - Toxicological information.**Effects of exposure**

Inhalation: Low hazard for usual industrial handling or commercial handling by trained personal.

Ingestion: Low ingestion hazard

Skin: This product has a low potential to cause allergic skin reactions

Eyes: This product has a low potential to cause allergic eye reactions

12. - Ecological information.

Runoff from fire control or dilution water may cause pollution

13. - Disposal considerations.

Discharge, treatment or disposal may be subjected to national, state or local laws.
Waste incineration approved by the responsible local authority.

14. - Transport information.

This product does not constitute a hazardous substance in National/International road, rail, sea or air transport, and is not a dangerous good in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR.

ADR=Agreement on Dangerous Goods by Road / RID = Regulations concerning the Intl Transport of Dangerous Goods by Rail

GGVS/GGVE - German Regulations concerning the transport of dangerous goods.

ICAO-TI/IATA-DGR= Air transport regulations of dangerous goods.

IMDG= International maritime Code of dangerous goods.

ADNR=European regulations concerning the carriage of dangerous goods on the Rhine

In case of additional transport information, contact VITAE NATURALS.

15. - Regulatory information.

Classification and labelling are according to Regulation 1272/2008/CE.

Hazard Symbols: Not subjected to the identification regulations.

EU classification (1907/2006/EC), this product is not dangerous according to EU regulations.

16. - Other information.

The above information is believed to be right but does not purport to be all exclusive and shall be used only as a guide. VITAE NATURALS shall not be held liable for any damage resulting from handling contact with the above product.

This MSDS is in compliance with Regulation 1907/2006/EC.