

Vitavonoide® F-40 Non GMO**1. - Identification of the substance/preparation and of the company/undertaking****1.1- Substance Identification:**

Trade name: Vitavonoide® F-40 Non GMO

Chemical characterization: 40 % concentrate of soya isoflavones.

1.2. - Uses of the substance:

“Vitavonoide® F-40 Non GMO” is widely used in nutrition as dietary supplement.

1.3. - Company identification:

VITAE NATURALS

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1.4.- Emergency telephone:

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

2. - Hazards Identification.

“Vitavonoide® F-40 Non GMO” is not classified as a Dangerous Substance within the definitions of EU Directive 67/584 and Amendment; with respective National implementations.

The dry powder may cause foreign body irritation in the eyes of some individuals.

Persons with an allergy to soya products should avoid all contact.

3. - Composition/Information on ingredients

Component: Isoflavones 40% min.

As Glycosides: Daidzin C₂₁H₂₀O₉ / Glycitin C₂₂H₂₂O₁₀ / Genistin C₂₁H₂₀O₁₀

In free form: Daidzein 4', 7- dihydroxyIsoflavon.

Glycitein 4', 7- dihydroxy-6-methoxyIsoflavon

Genistein 4', 5, 7- trihydroxyIsoflavon

CAS No: Mixture of many

Vitavonoide® F-40 Non GMO**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 15 minutes. If easy to do, remove contact lenses. Get medical attention if symptoms persist.

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

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:

Unknown

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

Unknown

Special protective equipment for fire-fighters:

Wear self-contained breathing apparatus 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:**

Avoid contact with skin and eyes.

Environmental precautions:

Do not allow to flow into drainage systems.

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.

Vitavonoide® F-40 Non GMO**7. - Handling and Storage.****Handling:**

No special precautionary measures are necessary.

Storage:

Keep in a tightly closed container. Store at ambient temperature and under dry conditions. Protect from contamination. Keep away from odorous and toxic substances. This product may be used in food.

8. - Exposure controls/Personal protection.

Respiratory protection: A dust mask is recommended if levels exceed 15 mg/m³

Hand protection: Not normally necessary but standard work gloves recommended.

Eye protection: Safety glasses recommended.

Other: No special precautions necessary.

9. - Physical and Chemical Properties.

| | |
|-----------------------------------|-------------------------|
| Appearance/Colour: | Light Ochre fine powder |
| Odour: | Slight odour |
| Boiling point: | not applicable |
| Freezing point: | not applicable |
| Bulk density (packed): | Typically 0.35 g/ml |
| Vapor Pressure: | not available |
| Vapor Density (Air=1): | not available |
| Solubility in water: | Partially soluble |
| Lower explosive limit: | not available |
| Upper explosive limit: | not available |
| Auto ignition temperature: | not available |

Vitavonoide® F-40 Non GMO**10. - Stability and Reactivity.**

Chemical stability: “Vitavonoide® F-40 Non GMO” is stable if stored under cool, dry conditions.

Hazardous decomposition prods: Thermal decomposition may produce carbon monoxide and carbon dioxide.

Hazardous polymerization: Will not occur.

Incompatible with: Strong oxidising agents.

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.

“Vitavonoide® F-40 Non GMO” is biodegradable in waste treatment facilities when well diluted.

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.

Vitavonoide® F-40 Non GMO

15. - Regulatory information.

*Classification and labelling are according to Regulation 1272/2008/CE.
Hazard Symbols: Not subjected to the identification 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.