



NATURAL VITAMIN E OIL
Material Safety Data Sheet

- Section 1 -

Product Name:

Natural Vitamin E Oil

Supplier: INNAVIR

Unit C4,
Harlow Business Centre,
Harlow,
Essex,
CM19 5AF

Composition/Ingredients Information:

Substance: A pale yellow oil derived from Non GMO Cereal germ.

INCI name: a-Tocopherol

CAS no: 8006-95-9

EINECS: 273-313-5

Country of Origin: Germany

E Number: E306

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Hazards Identification:

Non hazardous.

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First Aid Measures:

Skin contact: Wash off with soap and water.

Eye contact: Wash and rinse with plenty of water. Seek medical advice if symptoms develop.

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Fire Fighting Measures:

Suitable extinguishers: Water mist, carbon dioxide, or foam.

Unsuitable extinguishers: Water jet.

Protective equipment: Fire fighters should wear protective clothing and approved respirator.

Hazards: Unknown.

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Accidental Release Measures:

Personal precautions: Avoid skin and eye contact.

Environmental precautions: Should not go into drains and watercourses.

Clear up procedure: Remove using absorbents then clean the area with hot water and detergent.



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Handling & Storage:

Handling: Wash hands before and after use.

Storage requirements: In a cool dry room avoiding exposure to light.

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Exposure Controls/Personal Protection:

Personal protection equipment: safety glasses, rubber gloves and overalls should be worn if there is a risk of splashing.

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Physical & Chemical Properties:

Colour: yellow oil

Odour/Taste: Bland

Solubility: Slightly soluble in alcohol, miscible with ether, chloroform & light petroleum

Acid Value (mg KOH/g): 2.0 maximum

Iodine Value (Wijs): 110 – 130

Relative Density @ 25°C: 0.915 – 0.935

Saponification Value (mgKOH/g): 180 - 195

Unsaponifiables: 5% maximum

Refractive Index: 1.470 – 1.475

Botanical Source: Wheatgerm

Typical Fatty Acid Profile:

C16:0 Palmitic Acid: 10.8 – 18

C16:1 Palmitoleic Acid: 0.5 maximum

C18:0 Stearic Acid: 0.5 – 3.0

C18:1 Oleic Acid: 14 – 26

C18:2 Linoleic Acid: 50– 62

C18:3 Alpha linoleic: 2 – 10

C20:1 Gadoleic Acid: 2 maximum

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Stability & Reactivity:

Stability: Generally stable, becomes rancid on exposure to air.

Reactivity: Avoid strong oxidizing agents.

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Toxicological Information:

Not irritant. No evidence of hypersensitivity on skin contact and harmless if inhaled or ingested. Not tested on animals.



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Ecological Information:

Biodegradability: Readily biodegradable.

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Disposal Considerations:

Handling precautions: no special precautions necessary.

Method of disposal: dispose of according to local and national regulations.

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Transport Regulations:

No special requirements and no restrictions on transportation by land, sea or air. Not classified as hazardous.

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Regulatory Information:

Not classified as hazardous.

EU Directives:

Regulation (EC) No 1907/2006 of the European Parliament and of the council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

Statutory Instruments:

The Chemicals (Hazard information and Packaging for Supply) Regulations 2009 (S.I. 2009 No. 716).

Approved Code of Practice:

Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes:

Workplace Exposure Limits EH40

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Other Information:

Always satisfy suitability for specific application.