



Product health and safety data

NEEM SEED OIL COLD PRESSED

1. PRODUCT AND COMPANY IDENTIFICATION

Name: Neem seed oil, cold pressed
CAS number: 8002-65-1 / 90063-92-6
EINECS number: 290-052-2
INCI name : Melia Azadirachta seed oil
Supplier: G. BALESTRINI s.r.l. – via M. Barozzi 6 – 20122 MILANO
Phone: 02.780761 – Fax: 02.76340786

2. HAZARD IDENTIFICATION

Classification of the substance or mixture

Classification (67/548/EEC) : This product is not dangerous according to REACH Regulation 1907/2006
Classification (EU 1272/2008): This product does not belong to any list of substances supposedly hazardous to human or animal health according to EU Regulation 1272/2008 & any further amendments, nor to those having recognized exposition limits. Care should be taken when handling hot oil as it may constitute a burn hazard. Spills can constitute a slippage hazard.

Label elements

Label in accordance with Regulation (EC) No 1272/2008

GHS Label: none

Signal word: none

Contains: none

Hazard statement: none

Signal word: none

Precautionary statements: none

Supplementary precautionary statements: none

Section 16 (Other information) : Risk & Safety phrases in full

Other hazards

Adverse physio-chemical properties: none

Adverse effects on human health: none

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances: not applicable

Mixtures: not applicable

4. FIRST AID MEASURES

General information: Always remove contaminated clothing immediately.

Skin contact: No instruction as this is a non-toxic product.

Eye contact: Wash immediately and thoroughly with clean tap water.

Inhalation: Not expected for this particular product, however always best avoiding proactive inhalation.

Ingestion: No instruction as this is a non-toxic product.

Most important symptoms and effects, both acute and delayed: none

Indication of any immediate medical attention and special treatment required: Not Applicable

5. FIRE-FIGHTING MEASURES

Extinguishing material: Foam, Co2, dry chemical powder.

Special hazards arising from the substance or mixture: This product may only form ignitable mixtures or burn above the flashpoint. Dangerous combustion products include smoke & oxides of carbon.

Advice for fire-fighters: Standard. Wear self-contained breathing apparatus in confined spaces.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions: None required.

Environmental precautions: None required.

Methods and materials for containment and cleaning up: Spills can be absorbed by cloth or sawdust, washed away with water and cleaned with sodic products.

References to other sections: Refer & consider section 8.
Refer & consider section 13.

7. HANDLING AND STORAGE

Precautions for safe handling: Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Prevent spills and leaks to avoid slip hazard. Always wear personal protective clothing (refer to section 8). Do not eat, drink, sniff or smoke whilst handling this product. Provide suitable mechanical equipment for the safe handling of drums and heavy packages.

Conditions for safe storage, including any incompatibilities: Keep the product container tightly closed, in a dry, ventilated area (at temperatures <20°C). Keep away from potential sources of ignition and protected from light. Maintain limited contact with oxygen.

Specific end use(s): No Data.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control Parameters: None

Exposure controls:

Eye protection: Not required as a non-toxic product, however we still recommend taking precautions by wearing protective eye-wear when handling the product.

Hand protection: None

Respiratory Equipment: None

Hygiene Measures: None

Engineering Measures: None

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

Appearance: oily liquid (room temp.), soft butter (<10°C)

Colour: green - brown

Odour: characteristic

Relative Density: No data

Refractive Index: 1.420 – 1.485

Flash Point (°C): > 280°C

Melting Point (°C): Not applicable

Boiling Point (°C): > 100°C

Vapour Pressure: No data

Solubility in Water at 20°C: insoluble

Other information: no data

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10. STABILITY AND REACTIVITY

Reactivity: Not applicable

Chemical stability: Stable under suggested storage conditions (< 20°C)

Possibility of hazardous reaction: No

Conditions to avoid: Storage at high temperatures. Do not store above 20°C

Incompatible materials: Concentrated acids, alkalis and oxidising agents.

Hazardous decomposition products: This product does not decompose under normal conditions. Under fire conditions the product will produce a mixture of irritating fumes and smoke.

11. TOXICOLOGICAL INFORMATION

Toxicological effects

Acute toxicity: A non-toxic product. For pharmaceutical & cosmetic use only. This product does not carry a microbiological specification as it is sterilized in the refining process. It does not contain any impurities. This product is not included in the list of substances prohibited in cosmetic products or subject to restrictions. It does not contain colorants, preservatives or UV filters (Annex II – VI of EU regulation 1223/2009).

Skin irritation: Not applicable

Eye damage or irritation: Not applicable

Respiratory or skin sensitivity: Not applicable

Germ cell mutagenicity: Not applicable

Carcinogenicity: Not applicable

Reproductive toxicity: Not applicable

STOT-single exposure: Not applicable

STOT-repeated exposure: Not applicable

Aspiration hazard: Not applicable

Other information: Not applicable

12. ECOLOGICAL INFORMATION

Toxicity: Low - None

Persistence and degradability: > 90% (OECD)

Bio-accumulative potential: None

Mobility in soil: Low - None

Results of PBT and VPVB assessment: Not available

Other adverse effects: None

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods : Always recover spilled product. Discard waste material with authorized waste management services. Act in accordance with local and national waste regulations.

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14. TRANSPORT INFORMATION

Warning Icon: Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO), transport not restricted in drums or food tankers

Shipping Name: Not applicable

UN Number (Road): Not applicable

ADR Class: Not applicable

Hazard Number (ADR): Not applicable

Hazchem Code: Not applicable

UN Number (Sea): Not applicable

IMDG Class: Not applicable

IMDG Pack GR.: Not applicable

EMS: Not applicable

UN Number (Air): Not applicable

Air Class: Not applicable

Air Pack GR.: Not applicable

15. REGULATORY INFORMATION

Product specific safety, health and environmental regulations and legislation

EU Directives: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18th Dec 2006 Concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation (EEC) No793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/ECC, 93/67/ECC, 93/105/EEC 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. Safety Data Sheets for Substances and Preparations

Guidance Notes: Workplace Exposure Limits EH40. CHIP for everyone HSG 108.

Chemical safety assessment: Assessment has not been carried out as this is a non-hazardous material according to article 31 of REACH 1907/2006

16. OTHER INFORMATION

Allergens: None

Training instructions : Refer to possible hazards before use of product

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.

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