

Material safety data sheet SDS

According to EU Regulation 1907/2006 in the current version

SUPERSOL MINERAL FILTER

1. Identification of the substance/mixture and company

Product name/trade name: SuperSol Mineral Filter
 INCI Zinc Oxide, Pongamia Glabra Seed Oil, Linum Usitatissimum Seed Oil, Polyglyceryl-3 Polyricinoleate, Helianthus Annus Seed Wax, Hydroxystearic Acid, Pongamol
 Uses: Cosmetic Ingredient
 Supplier company identification: Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania
 Tel/Fax: +40259-436.755, www.ellemental.com
 Emergency: RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București.
 International emergency number: +49 180 2273-112

2. Hazards Identification

2.1 Classification of the substance or mixture

Hazard statements

H351 Carcinogenic (Cat. 2B)

H 400 Very toxic to aquatic life

H 410 Very toxic to aquatic life which long lasting effects

Precautionary statements

P273 Avoid release to the environment

P391 Collect spillage

P501 Dispose of contents/container in accordance with local regulation

2.2 Label elements

Signal word: Warning

Pictograms

GHS09

2.3 Other hazards

None known



3. Declaration of ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Information on ingredients

INCI Name	%	CAS No	EC No
Pongamia Glabra Seed Oil	5-25	/	/
Linum Usitatissimum seed oil	4-24	8001-26-1	232-278-6
Pongamol	0-1	484-33-3	414-540-3
Zinc oxide	45-65	1314-13-2	215-222-3
Hydroxystearic acid	0-2	106-14-9	203-366-1
Polyglyceryl-3 Polyricinoleate	3-10	29894-35-7	608-428-5
Helianthus Annus Seed Wax	0-6	68334-28-1	269-820-6

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4. First aid measures

4.1 Description of first aid measures

General information: Remove contaminated clothing immediately. In the case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible)

Inhalation: Remove casualty to fresh air and keep warm and at rest. Seek medical advice in case of unwellness

Eye contact: After contact with the eyes, rinse with water with the eyelids open for at least 15 minutes, then consult an ophthalmologist immediately

Skin contact: Wash immediately with soap and water

Ingestion: If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention

4.2 Most important symptoms and effects, both acute and delayed

None expected

4.3 Indication of any immediate medical attention and special treatment needed

No additional measures identified

5. Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Carbon dioxide (CO₂), foam, water spray, dry extinguishing powder. Adapt fire-extinguishing measures to surroundings

Unsuitable extinguishing media: Strong water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: No data available

5.3 Advice for firefighters

Special protective equipment for firefighters:

Wear a self-contained breathing apparatus and chemical protective clothing

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment, see Section 8

6.2 Environmental precautions

Make sure spills can be contained, e.g. in sump pallets or kerbed areas. Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil

6.3 Methods and material for containment and cleaning up

Sweep up or vacuum up spillage and collect in a suitable container

6.4 Reference to other sections

Personal protection equipment: See Section 8.

7. Handling and storage

7.1 Precautions for safe handling

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Protective measures: Use in well-ventilated areas. Handle and open container with care. Always close containers tightly after the removal of product. Wear personal protective clothing (see section 8)

Measures to prevent fire: Normal measures for preventive fire protection. No special fire protection measures are necessary.

Advice on general occupational hygiene:

Work in well-ventilated zones or use proper respiratory protection. Avoid contact with skin, eyes and clothes. Provide eye shower and label its location conspicuously. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink or smoke. Remove contaminated, clothing immediately. Wash contaminated clothing prior to re-use.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Store in a clean cool and dark place

Requirements for storage rooms and vessels:

Store only in original container. Ensure adequate ventilation of the storage area

Further information on storage conditions: Keep container closed when not in use. Protect containers against damage

7.3 Specific end use(s)

Cosmetics

8. Exposure controls / personal protection

8.1 Control parameters

Handle according to good industrial hygiene and safety practice

8.2 Exposure controls

Occupational exposure controls: General ventilation normally adequate.

Contains no substances with occupational exposure limit values.

Protective and hygiene measures: Wash hands before breaks and immediately after handling the product.

Avoid contact with skin, eyes and clothing. When using, do not eat, drink or smoke. Remove and wash contaminated clothes before re-use.

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an Industrial Hygienist familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Eye protection: Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Eye wash bottle with pure water.

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Skin protection: Lab coat. Be sure to use an approved / certified or equivalent gloves; suggested protective clothing might not be sufficient, consult a specialist BEFORE handling this product. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Wash hands before breaks and at the end of workday.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: Semi solid gel

Colour: Off-white

Odour: Characteristic

Odour threshold: N.D

Melting point/Freezing point: N.D

Boiling point: approx. °C

Flammability: N.D

Explosive properties: None.

Lower explosion/flammability limit: > °C

Upper explosion/flammability limit: N.D

Flammability limit: N.D

Flash point: > °C

Auto-ignition temperature: N.D

Decomposition temperature: N.D

pH: N.A

Viscosity: N.D

Solubility: Insoluble in water and alcohols.

Soluble in non-polar organic solvents and natural oils.

Partition coefficient n-octanol/water: N.A

Vapour pressure: N.D

Density: –

Relative vapour density: N.D

Particle characteristics: N.A

9.2 Other information

Iodine value: –

Oleic acidity % (m/m): –

Peroxide value (meqO₂/Kg): -

10. Stability and reactivity

10.1 Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability

The substance is chemically stable under recommended conditions of storage, use and temperature

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10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions. Dust may form explosive mixture in air.

10.4 Conditions to avoid

Protect from frost, heat and sunlight, To avoid thermal decomposition, do not overheat.

10.5 Incompatible materials

Oxidizing agents

10.6 Hazardous decomposition products

No hazardous reactions if stored and handled under normal conditions.

Formation of toxic gases is possible during heating or in case of fire

11. Toxicological information

Acute toxicity

No data available.

Skin corrosion/irritation

No data available.

Serious eye damage/eye irritation

No data available.

Empirical data on effects on humans: Ingestion can cause irritation of upper respiratory system and gastrointestinal disturbance. To the best of our knowledge, when handled and used according to specifications, the product does not have any harmful effects. The product is not subject to classification according to the latest version of the EU lists.

Respiratory or skin sensitisation

Skin sensitisation: No data available.

Respiratory sensitisation: No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

STOT - single exposure

Carcinogenicity:

IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP

12. Ecological information

Ecotoxicity

Product: Ecotoxicology Assessment

Short-term (acute) aquatic hazard: No data available.

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Long-term (chronic) aquatic hazard: No data available.

Persistence and degradability

Biodegradability: No data available.

Bioaccumulative potential No data available

Mobility in soil No data available

Other adverse effects No data available

Product: Additional ecological information: No data available

13. Disposal considerations

13.1 Product/Packaging disposal

Waste must be disposed of in line with local regulations

13.2 Waste treatment-relevant information

Waste must be disposed of in line with local regulations

13.3 Sewage disposal-relevant information

Avoid release to the environment or sewage system

13.4 Other disposal recommendations

Handle contaminated packages in the same way as the product

14. Transport information

According to IATA and ICAO regulations

14.1 UN number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not applicable

14.6 Special precautions for user

Not applicable

14.7 Maritime transport in bulk according to IMO instruments

Not applicable

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National/local regulations are observed

Employment restrictions: Observe employment restrictions for young people. Observe employment restrictions for child bearing mothers and nursing.

15.2 Chemical safety assessment

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For this mixture a chemical safety assessment has not been carried out.

16. Additional information

16.1 Abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Test-ing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration as-sociated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good La-boratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships car-rying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - Interna-tional Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; INCI: International Nomenclature of Cosmetic Ingredients; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test popula-tion; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - Interna-tional Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Ef-fect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic sub-stance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quanti-tative) Structure Activity Relationship; PNEC: Predicted No Effect Concentration; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Re-striction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; STE: Short-term exposure; STEL: Short Term Exposure limit; STOT: Specific Target Organ Toxicity; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Disclaimer:

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.