

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

LOTUS POWDER

1. Identification of the substance/mixture and company

Trade name: Lotus powder
 INCI: Nelumbo Nucifera Seed Powder
 CAS No.: 85085-51-4
 EC No.: 285-379-2
 Utilization: Raw material for cosmetic use
 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

The product is not classified as dangerous according to the provisions of the Directive 67/548 / EEC and 1999/45 / EC and subsequent amendments and adjustments. It is also not classified dangerous according to EC Regulation 1272/2008.

2.2 Label elements

Hazard statement: none
 Special instructions: none

2.3 Other hazards

None.

3. Declaration of ingredients

The product contains the following ingredients:

Substance	CAS	Hazard symbols	Percent %
Nelumbo Nucifera Seed Powder	85085-51-4	-	100

4. First aid measures

4.1 Description of first aid measures

In case of contact with skin: wash the affected area immediately with plenty of soap and water, if irritation persists seek medical attention.

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In case of contact with eyes: rinse with plenty of water for at least 15 minutes (while holding eyelids apart), if irritation persists seek medical attention.

If swallowed: rinse mouth with water, do not induce vomiting. Consult your doctor immediately.

In case of inhalation: take the person to fresh air, remove contaminated clothes, if difficulty of breathing persists seek medical attention.

4.2 Main symptoms and effects, both acute and delayed

In case of contact with skin, may cause irritation. May cause illness in case of inhalation.

4.3 Indication to consult a physician immediately or any special treatments

In case of illness contact your physician immediately.

5. Fire fighting measures

5.1 Means of extinction

Do not use water to extinguish fire. Use foam fire extinguishers, with carbon dioxide or powder.

5.2 Special hazards arising from the substance or mixture

During the fire toxic fumes could be released, use protective masks. Overpressure can be created in containers exposed to fire with danger of explosion, cool the containers before handling them.

5.3 Recommendations for fire-fighters

Always wear full fire protection equipment (protective helmet with visor, fireproof clothing, intervention gloves, breathing apparatus).

6. Accidental release measures

6.1 Personal precautions, protective devices and emergency procedures

In case of loss or spillage of the product, remove any flames or other sources of heat from the area where the leak occurred. Use protection if necessary for airways; protective clothing must be worn (eg. safety glasses or masks). Do not handle damaged containers or spilled product without wearing the appropriate protective equipment.

6.2 Environmental precautions

Prevent the product from entering drains, superficial drains, groundwater and confined areas. In case of such contamination inform the competent authorities.

6.3 Methods and materials for containment and remediation

Absorb spilled product with inert absorbent material (sand, vermiculite, diatomaceous earth). Collect most of the resulting material and deposit it in containers for disposal. Ensure adequate ventilation of the site.

6.4 Reference to other sections

Disposal of the contaminated material must be carried out in accordance with the provisions of point 13.

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7. Handling and storage

7.1 Precautions for safe handling

Use in well-ventilated places. Do not eat, drink or smoke during use product handling. Always wash your hands before and after use. Use protective clothing.

7.2 Conditions for safe storage, including any incompatibilities

Store in well-filled, tightly closed containers, away from direct sunlight and a temperature below 50°C away from any source of combustion. Do not smoke.

7.3 Specific end uses

No further information available

8. Exposure controls / personal protection

8.1 Control parameters

There are no specific control parameters.

8.2 Exposure controls

Hand protection: Protect hands with category I work gloves (ref. Directive 89/686 / EEC and standard EN 374) such as latex, PVC or equivalent.

Skin protection: Wear work clothes with long sleeves and safety footwear for professional use of category I (ref. Directive 89/686 / EEC and standard EN 344). Wash with soap and water after removing protective clothing.

Respiratory protection: Use protective masks. The use of respiratory protection is necessary in the absence of technical measures to limit worker exposure.

Eye protection: it is recommended to wear airtight protective goggles (ref. Standard EN 166).

9. Physical and chemical properties

9.1 Information on physical and chemical properties

Appearance: solid, powder

Color: beige

Odor: characteristic

Relative density (d₂₀ / 20): NA

Refractive index at 20°C: NA

Optical rotation (°): NA

Flash point: NA

Odor threshold: NA

pH: NA

Melting point / freezing point: NA

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Initial boiling point and boiling range: NA
Evaporation rate: NA
Flammability (solid, gas): not flammable
Upper / lower flammability or explosive limits: NA
Vapor tension: NA
Vapor density: NA
Solubility in water: partially soluble
Partition coefficient: n-octanol / water NA
Auto-ignition temperature: NA
Decomposition temperature: NA
Viscosity: NA
Explosive properties: not explosive
Oxidizing properties: NA

9.2 Other information

None

10. Stability and reactivity

Stable under normal conditions of use.

10.1 Reactivity

Stable

10.2 Chemical stability

Stable

10.3 Possibility of dangerous reactions

It presents no significant reactivity hazards by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.

10.4 Conditions to avoid

Strong oxidising and alkali materials

10.5 Incompatible materials

Not known

10.6 Hazardous decomposition products

Carbon monoxide and unidentified organic compounds may be formed during combustion.

11. Toxicological information

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11.1 Information on toxicological effects

Oral toxicity: No specific health warnings noted. No harmful effects expected in amounts likely to be ingested by accident.

Dermal Toxicity Skin: Not expected to be an irritant.

Inhalation Toxicity: No specific health warnings noted.

12. Ecological information

12.1 Toxicity

No information available.

12.2 Persistence and degradability

Readily biodegradable

12.3 Bioaccumulation potential

Not applicable

12.4 Ground mobility

Not applicable

12.5 Results of PBT and vPvB assessment

Not applicable

12.6 Other adverse effects

Not applicable

13. Disposal considerations

13.1 Waste treatment methods

In compliance with national waste management regulations.

14. Transport information

Classified as not dangerous for transportation

14.1 UN number

ADR: -

IMDG: -

IATA: -

14.2 UN shipping name

ADR: -

IMDG: -

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IATA: -

14.3 Class of danger for transport

ADR: -

IMDG: -

IATA: -

14.4 Packing group

ADR: -

IMDG: -

IATA: -

14.5 Environmental hazards

Not applicable

14.6 Special precautions for users

Not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

Not applicable

15. Regulatory information

15.1 Regulations and legislation on health, safety and environment specific to the substance or mixture

Not classified as dangerous.

15.2 Chemical safety assessment.

Not available

16. Additional information

16.1 Abbreviations:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

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IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

LTE: Long-term exposure.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

STE: Short-term exposure.

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

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.