



Version 05.04.2018

Material Safety Data Sheet

According to EU Regulation 1907/2006 in the current version

RIZI-BEADS

1. Identification of the substance/preparation and the company

Trade name: Rizi-beads
Utilization: Raw material for cosmetic formulations
Supplier company: **Elemental SRL**, Piata Cazarmii no.15, 410188-Oradea, jud.Bihor, Romania
identification: Tel/Fax: +40259-436.755, www.elemental.eu
Emergency: RO: numar national pentru cazuri de urgenta: 021 3183606 Institutul de Sanatate Publica Bucuresti. International emergency number: +49 180 2273-112

2. Hazards Identification

2. 1. Classification of the substance or mixture:

The product does not need to be labelled in accordance with regulation (CE) 1907/2006 - 1999/45 with their modifications and adaptations on classification, packaging and labelling of dangerous substances.

2. 2. Special hazard for personnel and environment: Not to be expected if handled and used properly.

2. 3. Label elements (R - S):

2. 3. 1. Symbol(s): None according to the regulation (EC) No 1907/2006 - 1999/45 with their modifications and adaptations.

2. 3. 2. R-phrase(s): None according to the regulation (EC) No 1907/2006 - 1999/45 with their modifications and adaptations.

2. 3. 3. S-phrase(s): None according to the regulation (EC) No 1907/2006 - 1999/45 with their modifications and adaptations.

2. 4. Most important hazards: none

3. Composition / Information on ingredients

3.1.Substance: This product is a substance

Identification: Hydrogenated castor oil 100%

CAS no.: 8001-78-3 EU no.: 232-292-2 Identification number(s): EU number: Not yet available

No dangerous ingredients according to Regulation (EC) No. 1907/2006

Classification according to EU 1272/2008: Not classified as a hazardous substance

Classification according to EU 67/548: Not classified as a hazardous substance.

3.2.Mixture: Not applicable

4. First Aid

Generally: None

First aid after Inhalation: None

First aid after Skin contact: Clean skin with water and soap.

First aid after Eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

First aid after Ingestion: None

Most important symptoms and effects, both acute and delayed: No symptoms known.

Indication of any immediate medical attention and special treatment needed: None

5. Fire-fighting Measures

Suitable extinguishing media: Foam, dry chemical powder, carbon dioxide.

Unsuitable extinguishing media: Do not use direct water jet on burning material.



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Special hazards arising from the substance or mixture

This product is made up of inflammable material with low risk. The product may only form ignitable mixtures or burn only upon heating above the flash point. However, minor contamination by lightly volatile hydrocarbons may increase the hazard. Ignition hazard at welding at the empty container.

Dangerous combustion residues: smoke, carbon monoxide, carbon dioxide

Advice for firefighters In the case of fire: Use respirator.

6. Accidental release measures:

Personal precautions: Remove sources of ignition, provide adequate ventilation, avoid contact with skin and eye contact

Land spill: Shut off source. Prevent product from entering sewerage, water courses or low lying areas. Take measures to reduce or prevent effects on ground water. Gather product mechanically if possible. Bind remainings of the product with sand or other appropriate absorbent and remove. Dispose of product and contaminated absorbents in suitable containers, as directed in section 13.

Water spill: Confine the spill immediately with booms. Warn other ships. Notify port and other relevant authorities.

Remove from the surface by skimming or with suitable absorbents. In running waters, apply appropriate dispersants in accordance with local regulation.

7. Handling and Storage

Precautions for safe handling

Keep containers leak proof closed and dry. Protect against sun/light. Prevent spills and leakages to avoid slip hazard.

Conditions for safe storage, including any incompatibilities

Intrusion into soil to be avoided. Store the product in cool (max. at room temperature) and well-ventilated environment and keep away from sources of ignition. Provide suitable mechanical equipment for the safe handling of drums and heavy packages. Electrical equipment and fittings must comply with local regulations.

8. Exposure Controls and Personal Protection

Control parameters None

Personal protection

Respiratory: No special measures required

Hand protection: No special measures required

Eye protection: No special measures required

Physical protection: No special measures required

9. Physical and Chemical Properties

Appearance/odour: pearls, white-yellow, fatty odour

Odour threshold: Not available

pH-value: Not available.

Melting point / freezing point Not available.

Initial boiling point and boiling range >300

Flash point: >200

Evaporation rate Not available.

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits Not available.

Vapour pressure: Not available.

Vapour density: Not available.



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Relative density: 0.99 at 20°C
Solubility(ies): Soluble in oil and ethanol
Partition coefficient: n-octanol/water: Not available.
Auto-ignition temperature: Not available.
Decomposition temperature: Not available.
Viscosity: Not available.
Explosive properties: Not available.
Oxidising properties: Not available.

10. Stability and Reactivity

Reactivity: Oxidation with atmospheric oxygen. Formation of free fatty acids.
Chemical stability: The product is stable.
Possibility of hazardous reactions: Reacts with oxidants.
Conditions to avoid: Keep away from heat sources, open flames and sunlight.
Substances to avoid: Avoid contact with strong oxidants such as liquid chlorine and concentrated oxygen.
Hazardous decomposition products: Product does not decompose at proper handling.

11. Toxicological Information

Acute toxicity:
In compliance with generally accepted uses and quantities are no negative impacts to be expected.
LD50 oral: not determined LD50 dermal: not determined LC50: not determined
Inhalation: There is not expected negative impact.
Ingestion: There is not expected negative impact..
Skin contact: There is not expected negative impact.
Eye contact: There is not expected negative impact.
Skin corrosion/irritation: In compliance with generally accepted uses and quantities are no negative impacts to be expected.
Serious eye damage/irritation: In compliance with generally accepted uses and quantities are no negative impacts to be expected.
Respiratory or skin sensitization: In compliance with generally accepted uses and quantities are no negative impacts to be expected.
Germ cell mutagenicity: There is not expected negative impact.
Carcinogenicity: There is not expected negative impact.
Reproductive toxicity: There is not expected negative impact.
STOT-single exposure: No information available
STOT-repeated exposure: No information available
Aspiration hazard: No information available

12. Ecological Information

Toxicity: No information available Persistence and degradability: Biologically well degradable
Bioaccumulation potential: possible Mobility in soil: No information available
PBT characteristics: No information available Other harmful effects: No information available
Water hazardous class according to german regulation: WGK 1

13. Disposal Considerations

Recommendation: Collect and dispose of waste product at an authorised disposal facility. Product remainders should



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not intrude in soil or waters.

14. Transport Information

- 14.1 UN number ADR/RID: - IMDG: - IATA: - Not regulated for transport
14.2 UN proper shipping name
ADR/RID: Not dangerous goods. IMDG: Not dangerous goods. IATA: Not dangerous goods
14.3 Transport hazard class(es) ADR/RID: - IMDG: - IATA: -
14.4 Packaging group ADR/RID: - IMDG: - IATA: -
14.5 Environmental hazards ADR/RID: no IMDG Marine pollutant: no IATA: no
14.6 Special precautions for user: For information on handling, see section 7. For information on personal protective equipment, see section 8. For information on disposal, see section 13.
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
IBC code : Not defined.

15. Additional Regulatory Information

Assessment of material safety: An assessment has not been executed.

16. Other Information**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.

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).
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.