

## Material safety data sheet

According to EU Regulation 1907/2006 in the current version

### RIZIBEADS WHITE

#### 1. Identification of the substance/mixture and company

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Trade name: Rizibeads White  
I.N.C.I. Hydrogenated Castor Oil  
CAS No. : 8001-78-3  
Utilization: Raw material for cosmetics  
Supplier company identification: Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania  
Tel/Fax: +40259-436.755, [www.ellemental.com](http://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

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##### 2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This substance is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

##### 2.2. Label elements

No information available.

##### 2.3. Other hazards

No information available.

#### 3. Declaration of ingredients

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##### 3.1. Substances

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Castor Oil, hydrogenated

##### 3.2. Mixtures

Non-applicable

#### 4. First aid measures

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##### 4.1. Description of first aid measures

Provide fresh air.

After inhalation

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

After contact with skin

Rinse immediately carefully and thoroughly with eye-bath or water.

After contact with eyes

Rinse mouth immediately and drink plenty of water.

After ingestion

##### 4.2. Most important symptoms and effects, both acute and delayed

No information available.

##### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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#### 5. Fire fighting measures

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##### 5.1 Extinguishing media

Suitable extinguishing media: water spray, dry powder, foam

Unsuitable extinguishing media for safety reasons: carbon dioxide

##### 5.2 Special hazards arising from the substance or mixture

Non-flammable. Harmful vapours

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

##### 5.3 Recommendations for fire-fighters

Special protective equipment: Wear a self-contained breathing apparatus.

Further information: Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

#### 6. Accidental release measures

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##### 6.1 Personal precautions, protective devices and emergency procedures

Use personal protective clothing. Avoid dust formation. Do not breathe dust.

##### 6.2 Environmental precautions

Do not discharge into drains/surface waters/groundwater. No special environmental measures are necessary. Clean contaminated articles and floor according to the environmental legislation.

##### 6.3 Methods and materials for containment and remediation

For small amounts: Pick up with suitable appliance and dispose of.

For large amounts: Pick up with suitable appliance and dispose of.

Dispose of material in accordance with regulations. Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal

##### 6.4 Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

#### 7. Handling and storage

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##### 7.1. Precautions for safe handling

No special measures are necessary.

Advice on safe handling

No special fire protection measures are necessary.

Advice on protection against fire and explosion

##### 7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed.

Requirements for storage rooms and vessels

No special measures are necessary.

Advice on storage compatibility

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#### 7.3. Specific end use(s)

Cosmetics.

#### 8. Exposure controls / personal protection

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##### 8.1. Control parameters

To date, no national critical limit values exist.

Additional advice on limit values

##### 8.2. Exposure controls

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Protective and hygiene measures

Wear eye protection/face protection.

Eye/face protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Hand protection

Wear suitable protective clothing.

Skin protection

In case of inadequate ventilation wear respiratory protection.

#### 9. Physical and chemical properties

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##### 9.1. Information on basic physical and chemical properties

Physical state: Powder

Colour: off white

Odour: characteristic

pH-Value: not determined

Changes in the physical state

Melting point: not determined

Initial boiling point and boiling range: >300 °C

Flash point: > 310 °C

Flammability

Solid: not determined

Gas: not applicable

Lower explosion limits: not determined

Upper explosion limits: not determined

Auto-ignition temperature

Solid: not determined

Gas: not applicable

Decomposition temperature: not determined

Not oxidising.

Oxidizing properties

Vapour pressure: not determined

Density (at 20 °C): 0,99 g/cm<sup>3</sup>

Water solubility: not soluble

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Partition coefficient: not determined

Vapour density: not determined

Evaporation rate: not determined

9.2. Other information

Solid content: not determined.

## 10. Stability and reactivity

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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

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11.1. Information on toxicological effects

Additional information on tests: The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

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

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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 "was-sergefährdende Stoffe (VwVws) WGK 1

#### 13. Disposal considerations

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##### 13.1. Waste treatment methods

Advice on disposal

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

Contaminated packaging.

Wash with plenty of water. Completely emptied packages can be recycled.

#### 14. Transport information

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UN-Number

Not available

UN proper shipping name

ADR / RID: not available

IMDG-Code: not available

ICAO-TI: not available

Transport hazard class(es)

Not available

Packing group

Not available

Environmental hazards

Labeling of environmentally hazardous substances:

ADR / RID / IMDG-Code: no

ICAO-TI / IATA-DGR: no

Special precautions for user

See section 6-8.

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

Not defined

#### 15. Regulatory information

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

EU regulatory information

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

National regulatory information

Water contaminating class (D): awg - generally water contaminating

##### 15.2. Chemical safety assessment

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

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#### 16. Additional information

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Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5-day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

LC50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient

Koc: Partition coefficient of organic carbon

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.