

Date:02-01-2019

Edition:4

SECTION 1: Identification of the substance /mixture and of the company/undertaking

1.1 Product identifier

- Commercial name : Sodium Alginate
- DOCID:
- CAS number : 9005-38-3 (Sodium Alginate)
- EINECS number: 232-680-1

1.2 Relevant Identified uses of the substance or mixture and uses advised against

- Recommended use : Food applications
- Uses advised against : Different uses that recommended

1.3 Details of the supplier of the safety data sheet

- Producer : JIANGSU BENEFIT OCEAN TECHNOLOGY CO., LTD.
Add: 36, Hongkong Road, Ganyu Economic Development
Zone, Lianyungang, Jiangsu, 222100, China
Tel: 0086 518 86780077
Fax: 0086 518 86780099
E-mail: info@jsboc.com Website: www.jsboc.com

1.4 Emergency telephone number Tel: 0086 518 86780077

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- The product is not classified as dangerous according to Regulation (EU) No 1272/2008.

2.2 Label elements

- The product is not classified as dangerous according to Regulation (EU) No 1272/2008.
- It contains sodium alginate.

2.3 Other hazards

- In normal conditions of use ,the product do not have any negative effect for health and Environment.
- There is no available information regarding product's PBT and PmB.

SECTION 3: Composition/information on ingredients

3.1 Substances

- CAS number: 9005-38-3
- Denomination as per num.-CAS: Sodium Alginate
- EINECS number: 232-680-1

3.2 Mixtures

- Sodium Alginate-based mixtures with other hydrocolloids and other additives (sugars and salts).
- For detailed information, check product technical data sheet.

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SECTION 4: First aid measures

4.1 Description of first aid measures

- After inhalation: Supply fresh air
- After skin contact: Wash with Water and soap
- after eye contact: Wash with Water
- After intake: Conduct The doctor

4.2 Most important symptoms and effects , both acute and delayed

- There are no known acute or delayed effects from product exposure

4.3 Indication of any immediate medical attention and special treatment needed

- In cases of doubt, or when symptoms persist, seek medical attention.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Extinguishing powder or CO₂. In case of severe fires also alcohol resistant foam and water spray.
- Do not use for direct water jet extinguisher.

5.2 Special hazards arising from the substances or mixture

- When exposed to open flame or extremely high heat, alginate will char and eventually disintegrate with emission of smoke, leaving only residual ash .

5.3 Advice for firefighters

- Depending on the magnitude of the fire, it may be necessary to wear protective clothing, self contained breathing apparatus, gloves, goggles or face masks and boots.

SECTION 6: Accidental release measure

6.1 Personal precautions, protective equipment emergency procedures

- Exposure control and PPE measurements.

6.2 Environmental precautions

- Product is not classified as dangerous for the environment, avoid as possible any spillage

6.3 Methods and material for containment and cleaning up

- Eliminate with an absorbent material.

6.4 Reference to other sections

- Exposition control and PPE, please check SECTION 8.
- Waste disposal, check SECTION 13.

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SECTION 7: Handling and storage

7.1 Precaution for safe handling

- Smoking, eating and drinking is forbidden in the application area.
- Comply with legislation on food safety and health and safety at work.

7.2 Conditions for safe storage, including any incompatibilities

- Product does not require special storage conditions.
- Store cool and dry in unopened bags.

7.3 Specific end use(s)

- Not available

SECTION 8: Exposure controls /personal protection

8.1 Control parameters

- It does not contain substances with occupational exposure limit values.

8.2 Exposure controls

- Good Industrial Hygiene Practices
- Personal protective equipment: working clothing and footwear, self-filtering particle respirator .Gloves are not required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- | | |
|------------------------|--------------------------|
| -Shape: | Powder |
| -Colour: | White |
| -Odour: | Inodorous |
| -State modification: | Value/sector unit method |
| -Melting point: | Undetermined |
| -Boiling point: | Undetermined |
| -Ignition point: | >200°C(>392 °F). |
| -Blasting temperature: | Undetermined |
| -Explosion danger: | Undetermined |
| -Steam pressure: | Undetermined |
| -Density: | Undetermined |
| -Apparent density: | 700kg/m ³ |
| -PH value: | Undetermined |

9.1 Other information

- Not available

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SECTION 10: Stability and reactivity

- 10.1 Reactivity
-Undetermined
- 10.2 Chemical stability
-Stable under recommended storage conditions.
- 10.3 Possibility of hazardous reactions
-Undetermined
- 10.4 Conditions to avoid
-Strong oxidizing agents,high temperatures and high humidity levels.

SECTION 11: Toxicological information

- 11.1 Information on toxicological effects
-Acute toxicity: Non_conclusive data for classification.
-Skin corrosion or irritation: Non-conclusive data for classification
-Serious eye damage or eye irritation: Non-conclusive data for classification
-Respiratory or skin sensitization: Non-conclusive data for classification
-Germ cell mutagenicity: Non-conclusive data for classification
-Carcinogenicity:Non-conclusive data for classification
-Toxicity to reproduction: Non-conclusive data for classification
-Specific target organ toxicity(STOT)-single exposure : Non-conclusive data for classification
-Specific target organ toxicity(STOT)-repeated exposure : No data available for classification
-Aspiration hazard : Non-conclusive data for classification

SECTION 12: Ecological information

- 12.1 Toxicity
Sodium alginate is biodegradable, and is not expected to have significant environmental effects.
- 12.2 Persistence and degradability
-Not available information on the persistence and degradability to the product.
- 12.3 Bioaccumulative potential
-Bioaccumulation is improbable.
- 12.4 Mobility in soil
-Not available information on mobility in soil.
- 12.5 Results of PBT and vPvB assessment
-Not available information on PBT and vPvB assessment for the product.
- 12.6 Other adverse effects
-NOT available information on other adverse effects for environment.
No data available for the product; however, no significant effects on aquatic organisms are expected.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Waste and empty containers must be handled and disposed according to current legislation.
- follow the provisions of Directive 2008/98 EC with regard to waste management.

SECTION 14: Transport information

It is not a dangerous material. In case of accident and product spillage, act according to SECTION 6.

14.1 UN number

- Not applicable.

14.2 UN proper shipping name

- ADR :Not applicable.
- IMDG:Not applicable.
- ICAO: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 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

- Not applicable.

SECTION 15: Regulatory information

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

- This material safety data sheet complies with the requirements of Regulation (CE)N°1907/2006

15.2 Chemical safety assessment

- Chemical safety assessment of the product has not been carried out

SECTION 16: Other information

The above data are based per our present knowledge but they do not constitute any guarantee of qualities of the product and do not generate any contractual juridical relationship.

