

Safety Data Sheet

according to 1907/2006/EC, Article 31



Printing date 23.11.2007

Revision: 23.11.2007

1 Identification of the substance/preparation and of the company/undertaking

· Product details

· Trade name: CARRAGEENAN iota form

· Article number: 3553

· Application of the substance / the preparation Laboratory chemical

· Manufacturer/Supplier:

Carl Roth GmbH + Co.KG

Schoemperlenstraße 3-5

76185 Karlsruhe

Telefon: +49/(0)721 5606-0

Telefax: +49/(0)721 5606-149

Email: info@carlroth.de

· Further information obtainable from: Product safety department.

· Information in case of emergency:

Giftinformation München

Telefon: +49/(0)89 19240

Telefax: +49/(0)89 41402467

2 Hazards identification

· Hazard description: No hazardous product as specified in Directive 67/548/EEC.

· Information concerning particular hazards for human and environment:

No hazardous product as specified in Directive 67/548/EEC.

· Additional information:

All chemicals are potentially dangerous. They should only be handled by specially trained personnel.

3 Composition/information on ingredients

· Chemical characterization:

· CAS No. Description

9000-07-1 Carrageenan

· Identification number(s)

· EINECS Number: 232-524-2

4 First-aid measures

· General information: Immediately remove any clothing soiled by the product.

· After inhalation: Supply fresh air.

· After skin contact:

Immediately rinse with water.

If skin irritation continues, consult a doctor.

· After eye contact: Rinse opened eye for 10 minutes under running water.

· After swallowing:

Rinse out mouth and drink a glass of water. Do not induce vomiting.

If symptoms persist consult doctor.

5 Fire-fighting measures

· Suitable extinguishing agents: CO₂, powder or water spray.

· Protective equipment: No special measures required.

6 Accidental release measures

· Person-related safety precautions: Avoid formation of dust.

· Measures for environmental protection: No special measures required.

· Measures for cleaning/collecting: Pick up mechanically.

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7 Handling and storage

- **Handling:**
- **Information for safe handling:** Handling corresponding to laboratory safety guidelines.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** Store in dry conditions.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
- **Respiratory protection:** Required when dusts are generated.
- **Protection of hands:**



Protective gloves

- **Material of gloves** Natural latex, thickness: 1 mm
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**



Tightly sealed goggles

- **Body protection:** Protective work clothing

9 Physical and chemical properties

· General Information

Form:	Powder
Colour:	Light beige
Odour:	Characteristic

· Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.

- **Flash point:** Not applicable.
- **Flammability (solid, gaseous):** Product is not flammable.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Density:** Not determined.

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- **Solubility in / Miscibility with water:** Soluble.
- **pH-value (5 g/l) at 20°C:** 7-10

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** Heating
- **Materials to be avoided:** Strong oxidizing agents.
- **Dangerous reactions:** No information available.
- **Dangerous decomposition products:** No information available.

11 Toxicological information

- **Acute toxicity:**
- **LD/LC50 values relevant for classification:**
Oral LD50 >5000 mg/kg (rat)
- **Specific symptoms in biological assay:** Skin and eye irritation test (rabbit): no irritation.
- **Primary irritant effect:**
- **on the skin:** No irritating effect.
- **on the eye:** No irritating effect.
- **after inhalation:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.
- **Further information:** The product should be handled with the care usual when dealing with chemicals.

12 Ecological information

- **Information about elimination (persistence and degradability):** Easily biodegradable
- **Ecotoxic effects:**
- **Acquatic toxicity:** Quantitative data on the ecological effect of this product are not available.

13 Disposal considerations

- **Product:**
- **Recommendation**
The disposal is regionally differently regulated, therefore the kind of disposal is to be inquired at the responsible authorities.
- **Uncleaned packaging:**
- **Recommendation:** Disposal according to official regulations.

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Remarks:** Not subject to transport regulations.
- **Maritime transport IMDG:**
- **IMDG Class:** -

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- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

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15 Regulatory information

- **Labelling according to EU guidelines:**
The substance is not subject to classification according to EU lists and other sources of literature known to us.
- **National regulations:**
- **Waterhazard class:** Not subject to classification.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing MSDS:** Environment protection department.
- **Contact:** Herr Hahn
- *** Data compared to the previous version altered.**

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