

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name Sodium Alginate
REACH Registration Number This substance is a polymer and exempted from registration according to the provisions of Article 2 (9) of REACH.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use Food additive.

1.3. Details of the supplier of the safety data sheet

Company/Undertaking

Identification:

Charkit Chemical Company, LLC.
32 Haviland Street, Unit 1
Norwalk, CT 06854
Tel. : 203-299-3220

Emergency telephone number: Chemtrec: +1-800-424-9300 (US) / +1-703-527-3887(Int'l)

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

REGULATION (EC) No 1272/2008

This product is not classified as dangerous according to the CLP Regulation (EC) No 1272/2008. (During the transitional period the Dangerous Substance Directive 67/568/EEC and the Dangerous Preparation Directive 99/45/EC, remains applicable).

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

Classification according to EU Directives 67/548/EEC or 1999/45/EC

2.2. Label elements

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008 and labelling is not required.

2.3.

Properties affecting health Repeated contact may cause allergic reactions in very susceptible people. Eye and skin contact may cause mild transient irritation. Inhalation of dust in high concentration may cause irritation of respiratory system.

PBT and vPvB assessment Not applicable.

Physico-chemical properties Powdered material may form explosive dust-air mixtures.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Description Thickening agent.

Chemical Name	%	CAS-No	REACH No	EINECS-No	CLP Classification	Hazardous classification	IUB Code
Alginic acid and/or salt of alginic acid	-	-	-	Listed	Not classified	NE	

4. FIRST AID MEASURES

4.1. Description of first aid measures

Eye contact	Rinse thoroughly with plenty of water, also under the eyelids.
Skin contact	Rinse with plenty of water. If skin irritation occurs, seek medical advice/attention.
Ingestion	Clean mouth with water and afterwards drink plenty of water.
Inhalation	Move to fresh air.

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.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2. Special hazards arising from the substance or mixture

None in particular

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Use personal protective equipment. If spilled, take caution, as material can cause surfaces to become very slippery.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so.

6.3. Methods and materials for containment and cleaning up

Do not dry sweep dust. Wet dust with water before sweeping or use a vacuum to collect dust.

6.4 Reference to other sections

See Section 12 for additional information.

7. HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Avoid dust formation. Ensure adequate ventilation. Regular cleaning of equipment, work area and clothing is recommended.

7.2. Conditions for safe storage, including any incompatibilities

Store in a dry place and/or in closed container. Protect from light.

7.3. Specific end uses

See Section 1: Use of the substance/preparation.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Exposure limits

Chemical Name	Denmark	Finland	Norway	Sweden	The Netherlands
Other dusts of organic origin	TWA: 3 mg/m ³	TWA: 5 mg/m ³ STEL: 10 mg/m ³			

Chemical Name	Russia	Estonia	Latvia	Lithuania	Poland
Other dusts of organic origin	TWA: 3 mg/m ³	TWA: 5 mg/m ³			

8.2 Exposure controls

Hygiene measures

Engineering measures

Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. Local exhaust ventilation of dust/vapour/aerosol at the point of generation.

Personal protective equipment

Respiratory protection

Eye protection

Skin and body protection

Hand protection

In case of insufficient ventilation: Effective dust mask.
In case of eye contact: Safety glasses with side-shields.
Wear suitable protective clothing
not required under normal use

Environmental exposure controls

No information available

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Powder
Appearance	White to off-white
Odour	Odourless
Flash point	Not applicable.
Boiling Point/Range	Not applicable.
Autoignition temperature	Not applicable.
Vapour pressure	Not applicable
Viscosity	Not applicable
Solubility	Soluble in hot water
Water solubility	Insoluble in water
Evaporation rate	Not applicable
Flammability Limits in Air	Not applicable.
Explosion limits	No information available

9.2 Other information

10. STABILITY AND REACTIVITY

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to avoid

Avoid dust formation. Dust may form explosive mixture in air.

10.5 Incompatible materials

None

10.6 Hazardous decomposition products

None

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Product Information

Acute toxicity

Oral Non toxic by ingestion.

Dermal No data available.

Inhalation No data available.

Irritation

Skin irritation May cause mild transient irritation due to greasy effect.

Eye irritation Dust contact with the eyes can lead to mechanical irritation.

Respiratory irritation Inhalation of dust in high concentration may cause irritation of respiratory system.

Other effects

Sensitisation Repeated or prolonged contact may cause allergic reactions in very susceptible people.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants.

12.2. Persistence and degradability

Readily biodegradable.

12.3. Bioaccumulative potential.

Bioaccumulation is unlikely.

12.4. Mobility in soil

The product is insoluble and sinks in water.

12.5 Results of PBT and vPvB assessment

Not applicable

12.6. Other adverse effects

None known.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from residues / unused products

Small amounts can be disposed together with domestic refuse.
Dispose of contents/container in accordance with local regulation

14. TRANSPORT INFORMATION

14.1 UN-Number

Not regulated

14.2 UN proper shipping name

Not regulated

14.3 Transport hazard class(es)

Not regulated

14.4 Packing group

Not regulated

14.5 Environmental hazards

Not regulated

14.6 Special precautions for users

Not regulated

14.7 Transport in bulk according to

Not regulated

Annex II of MARPOL 73/78 and the

IBC Code

Dangerous goods

Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR.

15. REGULATORY INFORMATION

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

15.2. Chemical Safety Assessment

A Chemical Safety Assessment is not required for this substance

16. OTHER INFORMATION

Full text of R-phrases referred to under sections 2 and 3

Not applicable.

Date : 28/06/2011

A Product Description is available on request.

This information is believed to be accurate and is intended for general guidance. It should not be construed as a guarantee of its suitability for a particular application. Charkit Chemical Company, LLC. offers no warranties either expressed or implied, nor is freedom from any patent owned by Charkit Chemical Company, LLC. or others implied; neither is liability accepted for errors or omissions in the information. Typical properties of products are given for guidance only and do not necessarily represent manufacturing specifications.