

## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

Chemical name    **SODIUM ALGINATE**  
 Synonyms/trade names:   **ALGINIC ACID SODIUM SALT**  
 C.A.S Number: 9005-38-3  
 E.I.N.E.C.S. Number    **NONE**  
 I.U.P.A.C. Name    **NONE**  
 Molecular weight: 216  
 Chemical characterization:    **ORGANIC**  
 COMPANY : Level 7 Chemical, Inc.  
 Address            253 Sturgis Rd  
                       Conway, AR 72034  
 Telephone:        1-855-927-1777

Emergency Response Number: Mark Hughey 501-428-3501

### 2. HAZARDS IDENTIFICATION:

**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

May form combustible dust

#### GHS Label elements, including precautionary statements

Pictogram

None

Signal word

Warning

Hazard Statements

H316

Causes mild skin irritation

H333

May be harmful if inhaled

H335

May cause respiratory irritation

Precautionary Statements

P202

Do not handle until all safety precautions have been read

and understood

P308 + P313

If exposed or concerned: Get medical advice/attention

**Hazards not otherwise classified (HNOC) or not covered by GHS - none**

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	Product Identifier (CAS)	%	HMIS classification	GHS-US
SODIUM ALGINATE	9005-38-3	100%	HEALTH = 1 FLAMMABILITY = 1	n/a



# Sodium Alginate SDS

---

## 4. FIRST-AID MEASTURES

Inhalation: SEEK MEDICAL, ATTENTION  
Skin Contact: WASH WITH SOAP AND WATER  
Eye Contact: NORMAL FLUSH WITH WATER  
Ingestion: SEEK MEDICAL ATTENTION  
Remarks intended for the medical practitioner: NONE

## 5. FIRE FIGHTING MEASURES

Special Fire Hazards NONE  
Suitable extinguishing substances NONE  
Personal protection equipment NONE

## 6. ACCIDENTAL RELEASE MEASURES

Environmental Precautions: MAKE THE POLLUTED SURFACE CLEAN WITH WATER  
Handling of Spillage/Leakage: CLEAN UP - USE NORMAL PROTECTIVE EQUIPMENT  
Disposal of Product & Containers:  
DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT  
INCINERATS IN CLOSED CONTAINERS.

## 7. HANDLING AND STORAGE:

Recommended handling precautions:  
NORMAL INDUSTRIAL HANDLING, NO SPECIAL REQUIREMENTS

Ventilation: NORMAL VENTILATION

Storage conditions:  
IN COOL, DRY AND VENTILATED WAREHOUSE

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits NO SPECIAL LIMITS IS NEEDED.  
Respiratory protection NO SPECIAL PROTECTION IS NEEDED.  
Protection of hands and skin PROTECTIVE GLOVES AND WORKER SUITS  
Eye protection SAFETY GLASSES

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance LIGHT YELLOW POWDER  
Odour NONE  
pH (as such) 6 -- 8  
pH of water solution (1%), 20°C 6 -- 8  
Boiling temperature (°C) UNKNOWN  
Melting temperature (°C) UNKNOWN  
Flash point UNKNOWN



# Sodium Alginate SDS

---

Auto-ignition temperature	UNKNOWN
Flammable limits in air	UNKNOWN
Vapour pressure, 20 °C (mm Hg)	UNKNOWN
Bulk density, 20 °C (Kg/M3)	54.62
Solubility in water, 25 °C (% by weight)	
SOLUBLE IN WATER	
Typical particle distribution:	UNKNOWN

## 10. STABILITY AND REACTIVITY

Conditions to avoid	TEMPERATURE OVER 30°C FOR A LONG TIME
Incompatible materials	NONE
Decomposition products	NONE

## 11. TOXICOLOGICAL INFORMATION.

Inhalation	NONE
Ingestion	NONE
Skin contact	NONE
Absorption by skin	NONE
Eye contact	NONE
Acute effects of over-exposure	NONE
Chronic effects of over-exposure	NONE

## 12. ECOLOGICAL INFORMATION

### COMMON PRODUCTS

### 13. General considerations

Behaviour in the environment	SET EQUIPMENT TO AVOID POWDER FLYING OUT.
Toxicology	NONE

## 13. DISPOSAL CONSIDERATIONS.

BURYING UNDER GROUND OR ACCORDING TO LOCAL GOVERNMENT'S REGULATIONS.

## 14. TRANSPORT INFORMATION.

In accordance with ICA/IATA/DOT/TDG/IMO

<b>UN number and name</b>	Not classified as hazardous for transport.
UN-No. (DOT):	Not a DOT controlled material (United States). <b>DOT (US)</b> Not dangerous goods
UN proper shipping name:	<b>IATA</b> Not dangerous goods <b>IMDG</b> Not dangerous goods

### Transport Hazard classes BY ROAD

DOT Hazard classes:	n/a
DOT Hazard labels:	n/a
DOT packing group:	n/a
DOT special provisions (49 CFR 172.102):	n/a
DOT packaging exceptions (49 CFR	n/a



# Sodium Alginate SDS

---

173.xxx):  
DOT packaging non bulk (49 CFR 173.xxx): n/a  
DOT packaging bulk (49 CFR 173.xxx): n/a

## Transport Hazard classes BY AIR

DOT/IATA Hazard classes: n/a  
DOT/IATA Hazard labels: n/a  
DOT/IATA packing group: n/a  
DOT/IATA special provisions (49 CFR 172.102): n/a  
DOT/IATA packaging exceptions (49 CFR 173.xxx): n/a  
DOT/IATA packaging non bulk (49 CFR 173.xxx): n/a  
DOT/IATA packaging bulk (49 CFR 173.xxx): n/a  
DOT/IATA quantity limitations passenger aircraft/rail (49 CFR 173.27): n/a  
DOT/IATA quantity limitations cargo aircraft/rail (49 CFR 175.75): n/a

## Transport Hazard classes BY RAIL

DO Hazard classes: n/a  
DOT/ Hazard labels: n/a  
DOT packing group: n/a  
DOT/IATA special provisions (49 CFR 172.102): n/a  
DOT packaging exceptions (49 CFR 173.xxx): n/a  
DOT packaging non bulk (49 CFR 173.xxx): n/a  
DOT packaging bulk (49 CFR 173.xxx): n/a

## Transport Hazard classes BY SEA

DOT/IMO Hazard classes: n/a  
DOT/IMO Hazard labels: n/a  
DOT/IMO packing group: n/a  
DOT/IMO special provisions (49 CFR 172.102): n/a  
DOT/IMO packaging exceptions (49 CFR 173.xxx): n/a  
DOT/IMO packaging non bulk (49 CFR 173.xxx): n/a  
DOT/IMO packaging bulk (49 CFR 173.xxx): n/a

Environmental hazard: ADR/RID: no      IMDG Marine pollutant: no      IATA: no

## Additional information

### Special precautions

no data available



# Sodium Alginate SDS

---

## 15. REGULATORY INFORMATION.

### PACKAGING AND LABELLING

(Directive 67/548 and its amendments, R.D. 2216/85 and subsequents).

Hazard symbol (s)	NONE
Risk phrase (s)	NONE
Safety phrase (s)	NONE

TOXIC AND DANGEROUS WASTE (Law 20/1986)	NONE
WATER LAW (Law 29/1985 and R.D. 849/1986)	NONE
MAJOR ACCIDENTS (EEC Directive 82/501, R.D. 886/1988)	NONE

### TSCA

CAS# 9005-38-3 is listed on the TSCA inventory.

## 16. OTHER INFORMATION.

Product applications NO SPECIAL MATTER

**Created:** 10/10/2005

**Last Updated:** 01/01/2017

### REMARKS:

The information contained in this document is, to the best of our knowledge at the time of printing, true and accurate. However all the recommendations and suggestions contained herein are given without our guarantee as the conditions in which the product is used beyond our control. Furthermore, nothing contained herein may be construed as a recommendation to use any product in a way that infringe the law, safety practices or currently value patents in respect of any material or its use.