

# SAFETY DATA SHEET (SDS)

## Section 1 - Product and Company Identification

Product Name: Sodium Alginate Product Code: S-1300-C

**SNP Inc.**

1301 S. Briggs Ave.  
Suite 110  
Durham, NC 27703

Phone: 919-598-0400  
Fax: 919-598-4674  
Web: www.snvinc.com

For Chemical Emergency, Spill, Leak,  
Exposure or Accident, call CHEMTREC  
day or night at the following number:  
1-800-424-9300

Product Use: Industrial Use Only

Not recommended for:

## Section 2 - Hazards Identification

**GHS Ratings:**

**GHS Hazards**

**GHS Precautions**

**Signal Word:**

There are no GHS ratings that apply to this product at this time.

## Section 3 - Composition/Information on Ingredients

Chemical Name	CAS number	Weight Concentration %

## Section 4 - First Aid Measures

**Inhalation:** Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

**Eye Contact:** Irrigate copiously with clean fresh water for at least 15 minutes, holding the eyelids apart and seek medical attention.

**Skin Contact:** Wash with soap and water. If irritation persists, seek medical attention.

**Ingestion:** If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

**Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in Section 2 and/or Section 11

**Indication of immediate medical attention and special treatment needed**

No data available

### Section 5 - Fire Fighting Measures

Flash Point: N/A

LEL:

UEL:

**Extinguishing Media:** Alcohol resistant foam, Dry chemical, CO2, or Water spray. Do not use water jet.

**Unusual Fire/Explosion Hazards:** As with most organic materials, excessive accumulation of dust on overhead structures may produce explosive concentrations when suspended in air. Material will self-extinguish once flame is removed.

**Fire Fighting Procedures:** Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from fire fighting to enter drains or water courses.

**Fire Equipment:** Fire fighters should be equipped with self-contained breathing apparatus and turnout gear.

### Section 6 - Accidental Release Measures

**Spill/Leak Procedure:** Scoop or sweep the material. Do not wash with water as material will become slippery.

Surfaces already wet should be washed with water until no longer slippery.

### Section 7 - Handling and Storage

**Handling Precautions:** No special handling requirements.

**Storage Requirements:** Store in a cool dry place. Keep away from heat sparks and flame.

### Section 8 - Exposure Controls and Personal Protective Equipment

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
	Not Established	Not Established	Not Established

**Ventilation:** Use sufficient local exhaust to remove airborne dust.

**PPE:**

**Eye Protection:** yes

**Respiratory:** Use a NIOSH/MSHA approved respirator for airborne dust when working in a closed or dusty environment.

**Gloves/Apron:** not necessary under normal conditions

### Section 9 - Physical and Chemical Properties

<b>Appearance:</b> Granular Powder	<b>Odor:</b> None
<b>Vapor Pressure:</b> No Data	<b>Odor threshold:</b> No Data
<b>Vapor Density:</b> No Data	<b>pH:</b> 6-8.5
<b>Density:</b> No Data	<b>Melting point:</b> No Data
<b>Freezing point:</b> No Data	<b>Solubility:</b> No Data
<b>Boiling range:</b> No Data	<b>Flash point:</b> No Data
<b>Evaporation rate:</b> No Data	<b>Flammability:</b> No Data
<b>Explosive Limits:</b> No Data	<b>Partition coefficient (n-octanol/water):</b> No Data
<b>Autoignition temperature:</b> No Data	<b>Decomposition temperature:</b> No Data

Viscosity (cPs): 600-900

Grams VOC less water: No Data

### Section 10 - Stability and Reactivity

#### Stability and Reactivity:

STABLE

**Materials to Avoid:** Strong Oxidizers

**Hazardous Decomposition:** Combustion may produce oxides of carbon.

Hazardous polymerization will not occur.

### Section 11 - Toxicological Information

#### Mixture Toxicity

#### Routes of Entry

Inhalation: Yes    Skin: Yes    Ingestion: Yes

#### Carcinogenicity

NTP: No    IARC: No    OSHA: No

#### Acute Toxicity

No data available

#### Germ cell mutagenicity

No data available

#### Sensitization

No data available

#### LD50 dermal and oral

No data available

**Acute effects of overexposure:** This product has a low oral and inhalation toxicity. It is not a skin sensitizer. It is expected to have a low dermal toxicity though it may cause chapping of the skin. Swallowing large quantities of material may lead to intestinal blockage. Due to the hydroscopic nature of the material, excessive inhalation of dust may form a paste or gel in the airway.

**Chronic effects of overexposure:** none

### Section 12 - Ecological Information

Sodium alginate is biodegradable and is not expected to have significant environmental effects . BOD5 is approximately 350 mg O2 /g. and the COD is approximately 655 mg O2 /g.

### Section 13 - Disposal Considerations

Treat as a non-hazardous material. No special disposal methods are suggested. It is the user's responsibility to comply with all local, state, and federal laws, rules, standards, and regulations.

### Section 14 - Transport Information

Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations.

#### Agency

DOT

IMO/IMDG

#### Proper Shipping Name

Non Regulated

Non Regulated

#### UN Number

#### Packing Group

#### Hazard Class

### Section 15 - Regulatory Information

**State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):** WARNING!

This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

- None

**EPCRA:**

- None

**OSHA Hazard Communication Standard, 29 CFR 1910.1200:**

- None

**This product contains the following chemicals subject to the reporting requirements of SARA Title III, section 313 and 40 CFR 372:**

- None

**Country**

US

**Regulation**

Toxic Substances Control Act

**All Components Listed**

Yes

**Section 16 - Other Information**

**Hazardous Material Information System (HMIS)**

<b>HEALTH</b>	1
<b>FLAMMABILITY</b>	1
<b>PHYSICAL HAZARD</b>	0
<b>PERSONAL PROTECTION</b>	B

**HMIS & NFPA Hazard Rating**

**Legend**

\* = Chronic Health Hazard

0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

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