

SAFETY DATA SHEET (SDS)

Section 1 - Product and Company Identification

Product Name: Sodium Alginate Product Code: S-160-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

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

Viscosity (cPs): 150-300

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

Proper Shipping Name

Non Regulated

UN Number

Packing Group

Hazard Class

IMO/IMDG Non Regulated

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)

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

HMIS & NFPA Hazard Rating

Legend

* = Chronic Health Hazard

0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

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Reviewer Revision