

SAFETY DATA SHEET (SDS)

Section 1 - Product and Company Identification

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

Dharma Trading co.
1805 South McDowell Blvd. Ext.
Petaluma, CA 94954

Phone: (800) 542-5227
Fax: (707) 283-0379
Web: www.dharmatrading.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

Section 2 - Hazards Identification

GHS Ratings:

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

GHS Hazards

There are no GHS hazards that apply to this product at this time

GHS Precautions

There are no GHS precautions that apply to this product at this time

Section 3 - Composition/Information on Ingredients

Chemical Name	CAS number	Weight Concentration %

No reportable quantities of hazardous materials present

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: N/A

UEL: N/A

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

No reportable quantities of hazardous materials present

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

<p>Appearance: Granular Powder</p> <p>Vapor Pressure: No Data</p> <p>Vapor Density: No Data</p> <p>Density: No Data</p> <p>Freezing point: No Data</p> <p>Boiling range: No Data</p> <p>Evaporation rate: No Data</p> <p>Explosive Limits: No Data</p> <p>Autoignition temperature: No Data</p> <p>Viscosity (cPs): 600-900</p>	<p>Odor: None</p> <p>Odor threshold: No Data</p> <p>pH: 6-8.5</p> <p>Melting point: No Data</p> <p>Solubility: No Data</p> <p>Flash point: No Data</p> <p>Flammability: No Data</p> <p>Partition coefficient (n-octanol/water): No Data</p> <p>Decomposition temperature: No Data</p> <p>Grams VOC less water: No Data</p>
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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.

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Non Regulated			
IMO/IMDG	Non Regulated			

Section 15 - Regulatory Information

Country
US

Regulation
Toxic Substances Control Act

All Components Listed
Yes

Section 16 - Other Information

Hazardous Material Information System (HMIS)

HEALTH	<input type="text" value="1"/>	HMIS & NFPA Hazard Rating
FLAMMABILITY	<input type="text" value="1"/>	Legend
PHYSICAL HAZARD	<input type="text" value="0"/>	* = Chronic Health Hazard
PERSONAL PROTECTION	<input type="text" value="B"/>	0 = INSIGNIFICANT
		1 = SLIGHT
		2 = MODERATE
		3 = HIGH

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Date revised: 2015-06-01
Date Prepared: 7/30/2020

Reviewer Revision

