

SAFETY DATA SHEET

PRO Thick SH and Thick F

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier Sodium Alginate		[WHMIS Classification] Not Regulated	
Product Use Industrial Applications			
Manufacturer's Name		Supplier's Name PRO Chemical & Dye	
		Street Address 126 Shove Street	
		City Fall River, MA	
		Postal Code 02724	Emergency Telephone 800-255-3924 ChemTel. (United States) + 1 01 813-248-0585 (Outside the United States)
Date SDS Prepared 06-01-15	SDS Prepared By		Phone Number 508-676-3838

SECTION 2 - HAZARDS IDENTIFICATION (DOT-Not Regulated)

Routes of Exposure	Signs and Symptoms	Severity (Mild, Moderate, Severe)
Eye	DRY EYES, ITCHINESS	Mild
Skin	Dryness	Mild
Inhalation	Dry mouth, coughing, sneezing	Mild
Ingestion	Irritation of digestive tract	Mild -Severe

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients (<i>specific</i>) <i>NON-Hazardous</i>	%	CAS Number	LD ₅₀ of Ingredient (<i>specify species and route</i>)	LC ₅₀ of Ingredient (<i>specify species</i>)
Sodium Alginate	100	9005-38-3		

SECTION 4 - FIRST AID MEASURES

Skin Contact: Flush skin with copious amount of water. Should irritation persist, seek medical attention. Monitor for continued irritation.

Eye Contact: Flush with copious amounts of water. Should irritation persist, seek medical attention. Monitor for continued irritation.

Inhalation: Remove to open space and fresh air. Should breathing become labored, seek medical attention. Monitor for continued irritation.

Ingestion: Never give anything by mouth to an unconscious person. Get medical aid. Rinse mouth and drink 2-4 cupfuls of milk or water.

SECTION 5 - FIRE FIGHTING MEASURES

Flammable <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, under which conditions?	
Means of Extinction: H ₂ O, CO ₂ , Foam, Dry Chemical		
Flashpoint (' C) and Method: N/A	Upper Flammable Limit (by volume): N/A	Lower Flammable Limit (by volume): N/A
Autoignition Temperature (°C) : >200°C (>392°F)	Explosion Data - Sensitivity to Impact: N/A	Explosion Data - Sensitivity to Static Discharge: N/A
Hazardous Combustion: Combustible dust when finely divided and suspended in air. As in any fire, wear a self-contained breathing apparatus and protective gear.		
[NFPA]: health: 1; flammability: 1; instability: 0		

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures

Mechanical clean up with broom or vacuum. Do not flush with water as Sodium Alginate will become slippery.

SECTION 7 - HANDLING AND STORAGE

Handling Procedures and Equipment
Maintain good housekeeping.
Storage Requirements
Store in a cool dry place, away from moisture and high humidity. Avoid dust build-up. Keep in closed containers. Keep away from open flame or sparks.

SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION

Specific Engineering Controls (such as ventilation, enclosed process): Use adequate ventilation. Treat as any dusty powder.	
Routes of Entry:	Personal Protective Equipment (PPE) for Normal Use: <input checked="" type="checkbox"/> Gloves <input type="checkbox"/> Respirator <input checked="" type="checkbox"/> Eye <input type="checkbox"/> Footwear <input type="checkbox"/> Clothing <input type="checkbox"/> Other
Eye/Face	Safety glasses and face mask
Skin	Safety gloves
Inhalation	Face mask
General Hygiene Considerations and Work Practices Handle as a dusty powder.	
Protective Measures During Repair and Maintenance of Contaminated Equipment Vacuum loose powder to avoid dusting.	
Other Protective Measures and Equipment Use with sufficient ventilation. Other protective measure not generally required.	

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State Powder	Odor and Appearance Off white to tan color. Slight bean like odor.	Odor Threshold (ppm) N/A
Specific Gravity N/A	Vapor Density (air = 1) N/A	Vapor Pressure (mmHg) N/A
Evaporation Rate N/A	Boiling Point (° C) N/A	Freezing Point (° C) N/A
pH 6.0-8.0	Coefficient of Water/Oil Distribution N/A	(Solubility in Water) Complete, viscous solution

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, which ones?
Reactivity, and under what conditions?	
Hazardous Decomposition Products	
Thermal decomposition results in CO and CO ₂	

SECTION 11 - TOXICOLOGICAL INFORMATION

Effects of Acute Exposure	
There is no known toxicity.	
Effects of chronic exposure	
Irritancy of Product	
Skin sensitization: N/A	Respiratory sensitization: N/A
Carcinogenicity-IARC: N/A	Carcinogenicity - ACGIH: N/A
Reproductive toxicity: N/A	Teratogenicity: N/A
Embrototoxicity: N/A	Mutagenicity: N/A
Name of synergistic products/effects	

SECTION 12 - ECOLOGICAL INFORMATION

[Aquatic Toxicity]

N/A Sodium Alginate is biodegradable

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal

Follow local state and municipal regulations for disposal as powder material.

Treat as regular household garbage. Sodium Alginate is biodegradable.

SECTION 14 - TRANSPORT INFORMATION

Special Shipping Information	
Pin	
TOG N/A	[DOT] N/A
[IMO] N/A	[ICAO] N/A

SECTION 15 - REGULATORY INFORMATION

[WHMIS Classification] N/A	[OSHA] N/A
[SERA] N/A	[TSCA] N/A
AFFIRMED AS GRAS BY US FDA TITLE 21, CFR PART 133.178; 133.179; 150.141; 150.161; 173.310; 184.1724	
CANADA-CRC. C870 01 MAI 11, DIV. 16, FDR, 21 AVRIL 06JMODIFIED 11 DEC. 06/ MODIFIED 01MA1 11. EU REF: E401, EEC COUNCIL DIRECTIVES. (8)-237 JAPAN; JAPANESE SPECIFICATIONS AND STANDARDS, MINSITRY OF HEALTH AND WELFARE 7 th EDITION 2000, MINISTRY OF HEALTH, LABOUR, AND WELFARE, FOUNDATION, 15 MARCH 11 TABLE 1 ARTICLES10 AND 12 OF ENFORCEMENT REGULATIONS UNDER FOOD SANITATION LAW.	

SECTION 16 - OTHER INFORMATION

Sodium Alginate is not dangerous. Requires no hazardous or special labels.