



# Technical Data

6299 Route 9N  
Hadley, NY 12835  
Phone (518) 696-9900  
(800) 848-0658  
Fax (518) 696-9997

## MATERIAL SAFETY DATA SHEET

Emergency/Information Telephone: (518) 696-9900  
National Poison Control Center (any day/time): (412) 681-6669

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### SECTION 1 - PRODUCT LIABILITY

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*CHEMICAL NAME:* Alginic acid, ester with 1,2-propanediol      *TRADE NAME:* Propylene Glycol Alginate

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### SECTION 2 – COMPOSITION

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Propylene Glycol Alginate is an ester of alginic acid.

*CAS NO.:* 9005-37-2

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### SECTION 3 - HEALTH HAZARD INFORMATION

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*PRIMARY ROUTE OF ENTRY:* Inhalation, eye and skin contact

*SYMPTOMS AND EFFECTS OF ACUTE OVEREXPOSURE:*

Inhalation of the dust and eye contact may cause irritation.  
May be irritating to the skin of a sensitive person.

*CHRONIC OVEREXPOSURE:* Same as above.

*MEDICAL CONDITIONS GENERALLY AGGRAVATED BY THIS MATERIAL:* None

*NOTE:* This material considered “GRAS” generally regarded as safe.

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### SECTION 4 - EMERGENCY AND FIRST AID PROCEDURES

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**EYE CONTACT:** Flush eyes with large volume of water.

**SKIN CONTACT:** Wash with warm water and mild soap.

**INHALATION:** Remove from exposure.

**NOTE:** If irritation persists, consult physician.



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## **SECTION 5 - EXPOSURE CONTROL MEASURES**

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*ENGINEERING:* Use local exhaust ventilation to maintain minimal exposure to nuisance dust.

*PERSONAL PROTECTIVE EQUIPMENT:* Use approved respirator if dust becomes a nuisance.

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## **SECTION 6 - REACTIVITY DATA**

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*STABILITY:* Stable

*INCOMPATIBILITY:* Insoluble in alcohol

*HAZARDOUS DECOMPOSITION PRODUCTS:* Can emit acrid smoke and irritating flames.

*HAZARDOUS POLYMERIZATION:* Will not occur.

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## **SECTION 7 - FIRE AND EXPLOSION HAZARD DATA**

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*FLASH POINT:* Non-Flammable

*EXTINGUISHING MEDIA:* Water, Carbon Dioxide, Foam

*SPECIAL FIREFIGHTING PROCEDURES:* Normal fire fighting precautions only.

*UNUSUAL FIRE AND EXPLOSION HAZARDS:* As with all carbohydrates a potential dust explosion hazard exists if the dust concentration in the air is high

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## **SECTION 8 - PRECAUTIONS FOR SAFE HANDLING AND USE**

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*PRECAUTIONS FOR HANDLING AND STORAGE:* Store in dry place. Keep container closed to avoid moisture pick-up. Practice reasonable care and cleanliness.

*STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:* Dry Powder - Sweep up or vacuum promptly and put into a disposable container. Wet material becomes slippery. Wash with water solution or apply absorbent material, sweep up and wash area.

*WASTE DISPOSAL METHODS:* Dispose in accordance with local regulations.



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## *TRANSPORTATION INFORMATION:*

LAND TRANSPORT	GOODS NOT DANGEROUS IN THESE REGULATIONS
INLAND NAVIGATION TRANSPORT	GOODS NOT DANGEROUS IN THESE REGULATIONS
SEA SHIPPING TRANSPORT	GOODS NOT DANGEROUS IN THESE REGULATIONS
AIR TRANSPORT	GOODS NOT DANGEROUS IN THESE REGULATIONS

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## **SECTION 9 - PHYSICAL/CHEMICAL CHARACTERISTICS**

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*SOLUBILITY IN WATER:* Over 99%

*APPEARANCE AND ODOR:* Light cream to tan.

*PHYSICAL FORM:* Powder

**Reviewed: January 2012**