



Section 1. Product and Company Identification

Product Name Alginic Acid
CAS Number 9005-32-7

Parchem - fine & specialty chemicals
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EMERGENCY RESPONSE NUMBER
CHEMTEL
Toll Free US & Canada: 1 (800) 255-3924
All other Origins: 1 (813) 248-0585
Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture
Not classified as a hazardous substance or mixture

Osha Hazards: No known OSHA hazards. Not a dangerous substance according to GHS.

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

HMIS (U.S.A.)

Health Hazard: 1

Fire Hazard: 1

Reactivity: 0

National Fire Protection Association (U.S.A.)

Health: 1

Flammability: 1

Reactivity: 0

Protective Equipment: Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Safety glasses.

Section 3. Composition / Information on Ingredients

Common Name Alginic Acid
Formula $C_6H_8O_6$
CAS Number 9005-32-7



Section 4. First Aid Measures

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.

Section 5. Firefighting Measures

Flash Point: Not determined

Extinguishing Media: Dry Chemical Powder, Carbon Dioxide, Foam.

Special Firefighting Procedures: Fire fighters should wear full protective clothing, including self-contained breathing equipment.

Unusual Fire and Explosion Hazards: A potential dust explosion hazard exists if the dust concentration in the air is high.

Section 6. Accidental Release Measures

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.

Section 7. Handling and Storage

Precautions for Handling and Storage: Store in dry place. Keep container closed to avoid moisture pick-up. Practice reasonable care and cleanliness.

Section 8. Exposure Controls / Personal Protection

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 9. Physical and Chemical Properties

Appearance: White powder

Odor: No distinguishable odor.

Odor Threshold: No applicable information is available

pH: 1.5 - 3.5

Melting Point/Freezing Point: > 572°F (> 300°C)

Initial Boiling Point and Boiling Point Range: No applicable information is available

Flash Point: No applicable information is available

Evaporation Rate: No applicable information is available



Flammability: No applicable information is available
Upper/Lower Flammability or Explosive Limits: No applicable information is available
Vapor Pressure: No applicable information is available
Relative Density: No applicable information is available
Solubility: Very slightly soluble in water
Partition Coefficient: No applicable information is available
Auto-Ignition Temperature: > 392°F (> 200°C)
Decomposition Temperature: No applicable information is available
Viscosity: No applicable information is available
Reactivity: Stable
Chemical Stability: Stable
Possibility of Hazardous Reactions: Will not occur.
Conditions to Avoid: Water, product will become slippery
Incompatible Materials: Strong oxidizers.
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide.

Section 10. Stability and Reactivity

Stability: Stable
Materials to Avoid: No applicable information is available
Conditions to Avoid: Water, product will become slippery
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide.
Hazardous Polymerization: Will not occur.

Section 11. Toxicological Information

Routes of entry: Inhalation. Ingestion.
Toxicity to animals: Acute oral toxicity (LD50): Not Available
Chronic effects on humans: Not available.
Other toxic effects on humans: Not available.
Special remarks on toxicity to animals: Not available.
Special remarks on chronic effects on humans: Not available.
Special remarks on other toxic effects on humans: Not available.

Acute Potential Health Effects

Skin: Not available.
Eyes: Not available.

Inhalation: May cause respiratory tract irritation. Low hazard for usual handling.
Ingestion: Not available.



Section 12. Ecological Information

Toxicity: Not available.

Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport 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

Section 15. Regulatory Information

OSHA Hazards: No known OSHA hazards

SARA 302 Components: SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards: No SARA Hazards

Massachusetts Right to Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right to Know Components

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New Jersey Right to Know Components

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California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.



Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

REVISION DATE: 7/1/2015

