

I Identification

Product Name: **Alginic Acid, Sodium Salt**

Catalog Number: **S036**

Synonyms: **Sodium Alginate; Algin**

Company: **Caisson Laboratories**

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Recommended Use:

Restrictions On Use:

II Hazard(s) Identification

Overview: **Slightly hazardous in case of skin contact (irritant), eye contact (irritant), ingestion, and inhalation.**

Flammability:

Reactivity:

Toxicity:

NFPA Rating

Health: **1**

Flammability: **1**

Reactivity: **0**

Special:

Pictograms:

III Composition / Information on Ingredients

General Information: **Chemical Formula: (C₆H₇O₆Na)_n**

Component:

CAS#: **9005-38-3**

% by Weight: **90 - 100%**

IV First-Aid Measures

General Information:

Route of Exposure

Oral: **Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt, or waistband. Get medical attention if symptoms appear.**

Inhalation: **If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.**

Dermal: **Wash with soap and water. Cold water may be used. Cover irritated skin with an emollient. Get medical attention if irritation develops.**

Eye: **Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation occurs.**

V Fire-Fighting Measures

General Information:

Flammable Properties

General: **May be combustible at high temperature**

Flash Point:

Ignition Temperature:

Suitable Extinguishing Media: **Use DRY chemical powder, water spray, fog or foam. Do not use water jet.**

Special Protective Equipment for fire fighters: **Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.**

Additional Information:

VI Accidental Release Measures

General Information: **Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.**

VII Handling and Storage

Handling: **Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe dust. If ingested seek medical advice immediately and show the container or label to medical personnel. Keep away from incompatibles such as oxidizing agents, acids, alkalis.**

Storage: **Keep container tightly closed. Store at room temperature in a dry ventilated area.**

VIII Exposure Controls / Personal Protection

General Information:

Engineering Measures: **Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.**

Personal Protective Equipment

General:

Eye Protection: **Wear safety glasses or goggles.**

Hand Protection: **Wear protective gloves.**

Respiratory Protection: **Use an approved/certified respirator or equivalent.**

Skin and Body Protection: **Wear clean body-covering clothing.**

Hygiene Measures:

IX Physical and Chemical Properties

General Information:

Appearance: **Solid. (Powdered Solid)**

pH:

Specific Gravity:

Melting Point: **> 300 C**

Boiling Point:

Flash Point:

Flammability Range:

Vapor Pressure:

X Stability and Reactivity

General Information: **This product is stable.**

Storage Stability

Temperature: **Room Temperature**

Light Sensitive: **True**

Incompatibles: **Reactive with oxidizing agents, acids, alkalis.**

Hazardous Decomposition Products:

XI Toxicological Information

General Information:
 Acute Toxicity: **Acute oral toxicity (LD50): >5000 mg/kg [Rat]**
 Chronic Toxicity:
 Local Effects:
 Target Organs:
 Carcinogenicity:
 OSHA Permissible Exposure Limits:

XII Ecological Information

General Information:

XIII Disposal Considerations

General Information: **Waste must be disposed of in accordance with federal, state, and local environmental control regulations.**

Disposal of Product: **Waste must be disposed of in accordance with federal, state, and local environmental control regulations.**

Disposal of Packaging: **Waste must be disposed of in accordance with federal, state, and local environmental control regulations.**

XIV Transport Information

Proper Shipping Name: **CHEMICALS, N.O.S (NON-REGULATED)**
 UN#:
 Class:
 Packaging Group:
 Hazard Label:

XV Regulatory Information

General Information:
 TSCA:
 SARA 313:

XVI Other Information

General Information: **All chemicals may pose unknown hazards and should be used with caution. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this MSDS is based on technical data judged to be reliable, Caisson Laboratories, Inc. assumes no responsibility for the completeness or accuracy of the information contained herein.**