

Material Safety Data Sheet

Date Printed: 14/SEP/2005
Date Updated: 13/MAR/2004
Version 1.2
According to 91/155/EEC

1 - Product and Company Information

| | |
|-------------------|--|
| Product Name | ALGINIC ACID, SODIUM SALT |
| Product Number | 180947 |
| Company | Sigma-Aldrich Pty. Ltd. 12 Anella Avenue Castle Hill NSW 2154 Australia |
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2 - Composition/Information on Ingredients

| Product Name | CAS # | EC no | Annex I Index Number |
|---------------------------|--|-------|----------------------|
| ALGINIC ACID, SODIUM SALT | 9005-38-3 | None | None |
| Synonyms | Algin * Algin (polysaccharide) * Alginate KMF * Algipon L-1168 * Amnucol * Antimigrant C 45 * Cecalgine TBV * Cohasal-IH * Darid QH * Dariloid QH * Duckalgin * Halltex * Kelco Gel LV * Kelcosol * Kelgin * Kelgin F * Kelgin HV * Kelgin LV * Kelgin XL * Kelgum * Kelset * Kelsize * Keltex * Keltone * Algiline * Lamitex * Manucol * Manucol DM * Manucol KMF * Manucol SS/LD2 * Manugel F 331 * Manutex * Manutex F * Manutex RS * Manutex RS 1 * Manutex RS-5 * Manutex SA/KP * Manutex SH/LH * Meypralgin R/LV * Minus * Mosanon * Nouralgine * OG 1 * Pectalgine * Proctin * Protacell 8 * Protanal * Protatek * Snow algin H * Snow algin L * Snow algin M * Sodium alginate * Sodium polymannuronate * Stipine * Tagat * Tragaya | | |

3 - Hazards Identification

SPECIAL INDICATION OF HAZARDS TO HUMANS AND THE ENVIRONMENT
Not hazardous according to Directive 67/548/EEC.

4 - First Aid Measures

AFTER INHALATION

If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

AFTER SKIN CONTACT

In case of contact, immediately wash skin with soap and copious amounts of water.

| | |
|-----------------------|-----------|
| pH | 6.0 - 7.5 |
| BP/BP Range | N/A |
| MP/MP Range | N/A |
| Flash Point | N/A |
| Flammability | N/A |
| Autoignition Temp | N/A |
| Oxidizing Properties | N/A |
| Explosive Properties | N/A |
| Explosion Limits | N/A |
| Vapor Pressure | N/A |
| SG/Density | N/A |
| Partition Coefficient | N/A |
| Viscosity | N/A |
| Vapor Density | N/A |
| Saturated Vapor Conc. | N/A |
| Evaporation Rate | N/A |
| Bulk Density | N/A |
| Decomposition Temp. | N/A |
| Solvent Content | N/A |
| Water Content | N/A |
| Surface Tension | N/A |
| Conductivity | N/A |
| Miscellaneous Data | N/A |
| Solubility | N/A |

10 - Stability and Reactivity

STABILITY

Stable: Stable.

Materials to Avoid: Strong bases, Strong acids, Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide.

HAZARDOUS POLYMERIZATION

Hazardous Polymerization: Will not occur

11 - Toxicological Information

RTECS NUMBER: AZ5820000

ACUTE TOXICITY

LD50
Oral
Rat
> 5000 mg/kg

LD50
Intravenous
Rat
1 GM/KG

LD50
Intraperitoneal
Cat
250 MG/KG

LD50
Intravenous
Rabbit

SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: May cause eye irritation.

Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

Ingestion: May be harmful if swallowed.

12 - Ecological Information

No data available.

13 - Disposal Considerations

SUBSTANCE DISPOSAL

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

14 - Transport Information

RID/ADR

Non-hazardous for road transport.

IMDG

Non-hazardous for sea transport.

IATA

Non-hazardous for air transport.

15 - Regulatory Information

Not hazardous according to Directive 67/548/EEC.

COUNTRY SPECIFIC INFORMATION

Germany

WGK: 1

SWITZERLAND

SWISS POISON CLASS: FREI

16 - Other Information

WARRANTY

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. Sigma-Aldrich Inc., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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