

Material Safety Data Sheet: Sodium Alginate

Universe of Science
6079 Brushy Mountain Rd.
Moravian Falls, NC 28654
(336) 667-9388

Material Safety Data Sheet
MSDS # 2100-6
EMERGENCY ASSISTANCE CALL
CHEMTREC 800-424-9300

Chemical Name & Synonyms

sodium alginate,
sodium salt of alginic acid

Formula not determined
high molecular weight polysaccharide

Unit Size 100 g

CAS No. 9005-38-3

| Hazard Rating | |
|---------------|---|
| Health | 0 |
| Fire | 0 |
| Reactivity | 0 |

Least 0 Slight 1 Moderate 2 High 3 Extreme 4

Health Hazards

none

Physical Data

Off white powder, forms viscous mixture in water.

Incompatibility (Materials to avoid)

Keep dry. Slippery when wet.

D.O.T.

Not regulated

Store in a cool, dry area.

Reactivity

Stable

Fire Hazards

Material can burn when exposed to a very high temperature and flame.

Spills and Leaks and Disposal Method

Sweep up and place in trash
Wash residue with water.

Special Precautions

Use dust mask when handling large quantities.
Prudent laboratory practices should be observed.

First Aid

Wash with large amounts of water.
Eye contact: Wash with water for 15 minutes. See a physician.