

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

Chemical name SODIUM ALGINATE
Synonyms/trade names: ALGINIC ACID SODIUM SALT
Molecular formulae: C₅H₇O₄COONa
C.A.S Number: 9005-38-3
E.I.N.E.C.S. Number NONE
I.U.P.A.C. Name NONE
Molecular weight: 216
Chemical characterization: ORGANIC
COMPANY : QINGDAO YINGFEI CHEMICAL CO.,LTD.
Address 185 ZHUHAI EAST ROAD, JIAONAN QINGDAO CHINA
Telephone: +86-532-85175916 Fax: +86-532-85175919
Emergency Telephone: +86-532-85172566 Fax: +86-532-85172166
VG



2. INFORMATION ON SUBSTANCE

Substance	%	C.A.S. No.	Risk Symbols and Phrases
		9005-38-3	NONE

3. HAZARDS IDENTIFICATION:

NONE

4. FIRST-AID MEASURES

Inhalation: SEEK MEDICAL, ATTENTION
Skin Contact: WASH WITH SOAP AND WATER
Eye Contact: NORMAL FLUSH WITH WATER
Ingestion: SEEK MEDICAL ATTENTION
Remarks intended for the medical practitioner: NONE

5. FIRE FIGHTING MEASURES

Special Fire Hazards	NONE
Suitable extinguishing substances	NONE
Personal protection equipment	NONE

6. ACCIDENTAL RELEASE MEASURES

Environmental Precautions: MAKE THE POLLUTED SURFACE CLEAN WITH WATER
Handling of Spillage/Leakage: CLEAN UP - USE NORMAL PROTECTIVE EQUIPMENT
Disposal of Product & Containers:
DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
DO NOT INCINERATE IN CLOSED CONTAINERS.

7. HANDLING AND STORAGE:



Recommended handling precautions:

NORMAL INDUSTRIAL HANDLING, NO SPECIAL REQUIREMENTS

Ventilation: NORMAL VENTILATION

Storage conditions:

IN COOL, DRY AND VENTILATED WAREHOUSE

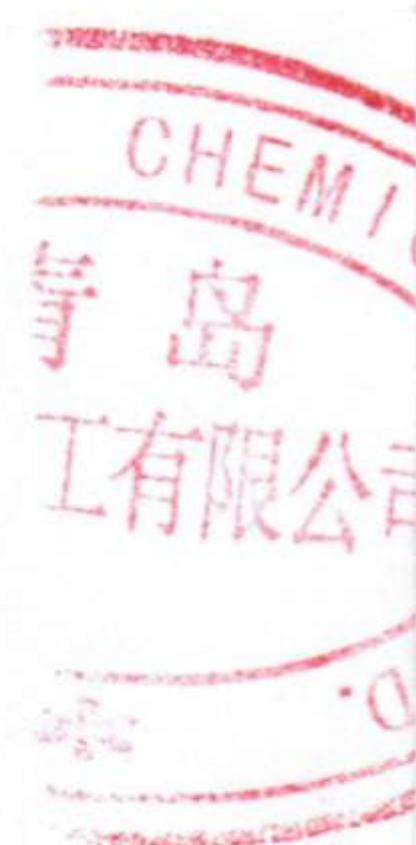


8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits	NO SPECIAL LIMITS IS NEEDED.
Respiratory protection	NO SPECIAL PROTECTION IS NEEDED.
Protection of hands and skin	PROTECTIVE GLOVES AND WORKER SUITS
Eye protection	SAFETY GLASSES

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	LIGHT YELLOW POWDER
Odour	NONE
pH (as such)	6 -- 8
pH of water solution (1%), 20°C	6 -- 8
Boiling temperature (°C)	UNKNOWN
Melting temperature (°C)	UNKNOWN
Flash point	UNKNOWN
Auto-ignition temperature	UNKNOWN
Flammable limits in air	UNKNOWN
Vapour pressure, 20 °C (mm Hg)	UNKNOWN
Bulk density, 20 °C (Kg/M3)	54.62
Solubility in water, 25 °C(% by weight)	
SOLUBLE IN WATER	
Typical particle distribution:	UNKNOWN



10. STABILITY AND REACTIVITY

Conditions to avoid	TEMPERATURE OVER 30°C FOR A LONG TIME
Incompatible materials	NONE
Decomposition products	NONE

11. TOXICOLOGICAL INFORMATION.

Inhalation	NONE
Ingestion	NONE
Skin contact	NONE
Absorption by skin	NONE
Eye contact	NONE
Acute effects of over-exposure	NONE
Chronic effects of over-exposure	NONE

12. ECOLOGICAL INFORMATION

COMMON PRODUCTS

13. General considerations

Behaviour in the environment SET EQUIPMENT TO AVOID POWDER FLYING OUT.
Toxicology NONE

13. DISPOSAL CONSIDERATIONS.

BURYING UNDER GROUND OR ACCORDING TO LOCAL GOVERNMENT'S REGULATIONS.



14. TRANSPORT INFORMATION.

NU Number UNKNOWN
Sea transport : NO SPECIAL LIMITS
Packing group UNKNOWN
IMDG/IMO UNKNOWN
Road and rail transport NO SPECIAL LIMITS
Air transport NO SPECIAL LIMITS
TPC/TPF UNKNOWN
ICAO/IATA UNKNOWN
ADR/RID UNKNOWN

15. REGULATORY INFORMATION.

PACKAGING AND LABELLING

(Directive 67/548 and its amendments, R.D. 2216/85 and subsequents).

Hazard symbol (s) NONE
Risk phrase (s) NONE
Safety phrase (s) NONE
TOXIC AND DANGEROUS WASTE (Law 20/1986) NONE
WATER LAW (Law 29/1985 and R.D. 849/1986) NONE
MAJOR ACCIDENTS (EEC Directive 82/501, R.D. 886/1988) NONE

16. OTHER INFORMATION.

Product applications NO SPECIAL MATTER

REMARKS:

The information contained in this document is, to the best of our knowledge at the time of printing, true and accurate. However all the recommendations and suggestions contained herein are given without our guarantee as the conditions in which the product is used beyond our control.

Furthermore, nothing contained herein may be construed as a recommendation to use any product in a way that infringe the law, safety practices or currently value patents in respect of any material or its use.

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