



MATERIAL SAFETY DATA SHEET (MSDS)

SAP (Sodium Polyacrylate)

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Sodium Polyacrylate
Yunnan Litto Chemicals Cor.
No.201 ,Shuangqiao Road,Kunming,China
Emergency Phone Number: (800) 424-9300

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

Product name : SODIUM POLYACRYLATE (SAP) Food Grade
Synonym : Waterlock
Chemical formula : $C_3H_4O_2$
CAS number : 9003-04-7

SECTION 3 - HAZARDS IDENTIFICATION

White granular powder. Odorless.

Substance is not considered hazardous. However, not all health aspects of this substance have been thoroughly investigated.

Health-0

Flammability-0

Reactivity-0

Exposure-0

Storage-0

0 is low hazard, 3 is high hazard

SECTION 4 - FIRST AID MEASURES

Call a physician and seek medical attention for further treatment, observation, and support after first aid. Inhalation:

Remove to fresh air at once. If breathing has stopped, give artificial respiration immediately. Eye or External:

Immediately flush with fresh water for at least 15 minutes.

Internal : Rinse mouth. Give large quantities of water for dilution. Call a physician or poison control at once.

SECTION 5 - FIRE FIGHTING MEASURES

Nonflammable solid.

NFPA CODE

None

established

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Restrict unprotected personnel from area. Sweep up, place in sealed bag or container and dispose. Ventilate area and wash spill site after material pickup is complete. See Sections 8 and 13 for further information.

SECTION 7 - HANDLING AND STORAGE

JXDCHEM Suggested Chemical Storage Pattern: Organic #3. Store with hydrocarbons, esters, aldehydes, and oils.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Avoid contact with eyes, skin, and clothing. Wear chemical splash goggles, chemical-resistant gloves, and chemical-resistant apron.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

White, fine powder. Odorless.

Specific gravity : 1.5

Solubility : Swells in water.

Formula : $(C_3H_4O_2)_x XNa$

SECTION 10 - STABILITY AND REACTIVITY

Avoid contact with strong oxidizing agents.

Shelf life : Good, if kept dry.

SECTION 11 - TOXICOLOGICAL INFORMATION

ORL-RAT LD50 : >40 g/kg

IHL-RAT LC50 : N.A.

SKN-RBT LD50 : N.A.

Acute effects : Irritating

dust Chronic effects : N.A.

Target organs : N.A.

N.A. = Not available, not all health aspects of this substance have been fully investigated.

SECTION 12 - ECOLOGICAL INFORMATION

Data not yet available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Please review all federal, state and local regulations that may apply, before proceeding.

Flinn Suggested Disposal Method #26a is one option.

SECTION 14 - TRANSPORT INFORMATION

Shipping name : Not regulated.

Hazard class : N/A

UN number : N/A

N/A = Not applicable

SECTION 15 - REGULATORY INFORMATION

Not listed.

SECTION 16 - OTHER INFORMATION

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