



山东森泰新材料有限公司

SHANDONG SYNTECH INDUSTRIES CO., LTD.

Tel/ Fax: +86-13854421376

E-mail: cathy@sentaitech.com

Website: www.sentaitech.com

MATERIAL SAFETY DATA SHEET

Sodium Allyl Sulphonate

1. MANUFACTURER AND PRODUCT

Product Name: Sodium Allyl Sulfonate

Manufacture Name: SHANDONG SYNTECH INDUSTRIES CO., LTD.

Address: FL15, BLDG 8, EAST ZONE WEIFANG HEADQUARTER
BASE, NO. 2998 BEIHAI ROAD, WEIFANG, SHANDONG, CHINA

E-mail: cathy@sentaitech.com

Website: www.sentaitech.com

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

According to Regulation (EC) No1272/2008

Skin irritation (Category 2)

Eye irritation (Category 2)

Skin sensitization (Category 1)

Specific target organ toxicity - single exposure (Category 3)

According to European Directive 67/548/EEC as amended.

Irritating to eyes, respiratory system and skin. May cause sensitization by skin contact.

Label elements Hazard statement(s)

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation. Precautionary statement(s)

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, continue rinsing.

Hazard symbol(s)

Xi Irritant

R-phrases(s)

R36/37/38 Irritating to eyes, respiratory system and skin.



R43 May cause sensitization by skin contact

S-phrase(s)

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37 Wear suitable protective clothing and gloves.

Other hazards – none

3. COMPOSITION/INFORMATION ON INGREDIENTS

Formula : C₃H₅SO₃Na

Molecular Weight : 144.1

CAS-No. EC-No. Index-No. Classification Concentration

Sodium 2-methylprop-2-ene-1-sulphonate

CAS NO:2495-39-8

Skin Irrit. 2; Eye Irrit. 2; Skin Sens. 1; STOT SE 3; H315,H317, H319, H335 Xi,
R36/37/38 - R43

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact Wash off with soap and plenty of water. Consult a physician.

In case of eye contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters

Wear self- contained breathing apparatus for fire- fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

Environmental precautions

Do not let product enter drains.



Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place. Store in cool place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment

Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Eye protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and body protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form powder

Colour white

Safety data



山东森泰新材料有限公司

SHANDONG SYNTECH INDUSTRIES CO., LTD.

Tel/ Fax: +86-13854421376

E-mail: cathy@sentaitech.com

Website: www.sentaitech.com

PH no data available

Melting point: 270 °C~280 °C

Boiling point no data available

Flash point no data available

Ignition temperature no data available

Lower explosion limit no data available

Upper explosion limit no data available

Water solubility no data available.

10. STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions.

Conditions to avoid

No data available

Materials to avoid

Strong oxidizing agents

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, Sulphur oxides, Sodium Oxides

11. TOXICOLOGICAL INFORMATION

Acute toxicity

no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

May cause sensitization by skin contact.

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

Inhalation - May cause respiratory irritation.

Specific target organ toxicity - repeated exposure

no data available **Aspiration hazard** no data available

Potential health effects Inhalation

May be harmful if inhaled. Causes respiratory tract irritation.



山东森泰新材料有限公司

SHANDONG SYNTECH INDUSTRIES CO., LTD.

Tel/ Fax: +86-13854421376

E-mail: cathy@sentaitech.com

Website: www.sentaitech.com

Ingestion May be harmful if swallowed.

Skin May be harmful if absorbed through skin. Causes skin irritation.

Eyes Causes serious eye irritation

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

Additional Information RTECS: no data available

12. ECOLOGICAL INFORMATION

Toxicity

no data available

Persistence and degradability

no data available

Bio-accumulative potential

no data available

Mobility in soil

no data available

PBT and vPvB assessment

no data available

Other adverse effects

no data available

13. DISPOSAL CONSIDERATIONS

Product Offer surplus and non-recyclable solutions to a licensed disposal company. 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.

Contaminated packaging Dispose of as unused product.

14. TRANSPORT INFORMATION

ADR/RID Not dangerous goods **IMDG** Not dangerous goods

IATA Not dangerous goods

15. STORAGE AND PACKING

Storage

stored in dry ,cool place ,avoid shining ,raining .

Packing

To be packaged with paper bags (plastic inside),20kgs/25kgs net weight, and also can be packed in BBO,1000kgs net weight.

16. OTHER INFORMATION

Text of H-code(s) and R-phrase(s) mentioned in Section 3



山东森泰新材料有限公司
SHANDONG SYNTECH INDUSTRIES CO., LTD.

Tel/ Fax: +86-13854421376
E-mail: cathy@sentaitech.com
Website: www.sentaitech.com

Eye Irrit. Eye irritation

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation. Skin Irrit. Skin irritation Skin Sens. Skin sensitization Xi Irritant R36/37/38 Irritating to eyes, respiratory system and skin. R43 May cause sensitization by skin contact.