

# Material Safety Data Sheet

## \*\*\* Section 1 – Chemical Product and Company Identification \*\*\*

**Chemical Name:** Bis - (sodium sulfopropyl) - disulfide

**Synonyms:** SP, SPS

### Manufacturer Information

Wuhan Pinestone Fortune International Trading Co., Ltd

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(Monday-Friday 8:30a.m. - 5:00p.m. Beijing Time)

## \*\*\* Section 2 – Composition / Information on Ingredients \*\*\*

CAS #	Component	Percent
27206-35-5	Bis - (sodium sulfopropyl) - disulfide	≥98%
7732-18-5	Water	≤2%

## \*\*\* Section 3 – Hazards Identification \*\*\*

### Potential Health Effects: Eyes

This product will not cause irritation to the eyes.

### Potential Health Effects: Skin

Prolonged or repeated skin contact with this product may cause allergic skin sensitization reactions.

### Potential Health Effects: Ingestion

This product may be harmful if it is swallowed.

### Potential Health Effects: Inhalation

This product may cause respiratory system irritation.

## \*\*\* Section 4 – First Aid Measures \*\*\*

### First Aid: Eyes

Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention or advice if symptoms persist.

### First Aid: Skin

Immediately flush skin with soap and plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention if symptoms persist. Wash clothing before reuse.

### First Aid: Ingestion

Do not induce vomiting unless directed to do so by medical personnel. Instantly call for medical help. In case of persistent symptoms, get medical attention or advice.

### First Aid: Inhalation

Immediately remove the affected person to fresh air to supply fresh air. If symptoms persist, get medical aid.

**\*\*\* Section 5 – Fire Fighting Measures \*\*\***

**Extinguishing Media**

Use fire-fighting measures that suit the environment and take into account other materials that may be involved.  
Use carbon dioxide, dry powder or foam.

**Fire Fighting Equipment / Instructions**

Firefighters should wear full protective equipment including protective clothing to prevent contact with skin and eyes.

**\*\*\* Section 6 – Accidental Release Measures \*\*\***

**Containment Procedures**

Stop the flow of the material as it is without risk. Remove source of ignition.  
Avoid inhalation or contact material with skin or clothing. Wear appropriate protective equipment.

**Clean-Up Procedures**

Mix with proprietary absorbent material and transfer to sealed containers for disposal. Ventilate the contaminated area. Avoid raising dust.

**Evacuation Procedures**

Keep unnecessary personnel away from contaminated area.

**Environmental Protection**

Take precautions to ensure product does not contaminate the ground or enter the drainage system.

**\*\*\* Section 7 – Handling and Storage \*\*\***

**Handling Procedures**

Only those trained should use this product. Operations should be carried out in an efficient ventilation area.  
Wear chemical safety goggles, rubber gloves and protective clothing. Do not get in eyes, on skin or on cloth. Do not ingest or inhale. Do not eat or smoke in area where this material is used or stored.

**Storage Procedures**

Store in a tightly sealed containers in a cool dry, well-ventilated area.  
Take precautions to avoid contact with moisture and any sources of ignition.

**\*\*\* Section 8 – Exposure Controls / Personal Protection \*\*\***

**Engineering Controls**

Keep away from sources of ignition.  
Use local exhaust ventilation to keep airborne concentrations low when operation this product.

**Personal Protective Equipment**

**Personal Protective Equipment: Eyes/face**

Safety glasses recommended during operation.

**Personal Protective Equipment: Skin**

Use impervious gloves, protective clothing and full arm, body and face protection for larger quantities. Rubber gloves may be most appropriate. It is recommended that gloves be tested to determine suitability for prolonged contact.

**Personal Protective Equipment: Ingestion**

During breaks and at the end of the work, washing hands thoroughly. Do not eat, drink or smoke while working.

**Personal Protective Equipment: Inhalation**

Avoid inhalation of product. Handle in an efficient ventilation area or equivalent system.

**\*\*\* Section 9 – Physical & Chemical Properties \*\*\***

**Appearance:** White or light yellow solid

**Physical State:** Solid

**PH:** N/A

**Refractive Index:** N/A

**Solubility:** In water: approx 38%; Sub soluble in alcohol

**Level of Addition:** 20-100 mg/l

**Molecular Formula:** C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>S<sub>4</sub>Na<sub>2</sub>

**\*\*\* Section 10 – Chemical Stability & Reactivity Information \*\*\***

**General information**

Stable at normal condition.

**Thermal Decomposition:**

No decomposition if used according to specifications.

**Hazardous reactions**

No dangerous reactions known

**Conditions to Avoid**

Keep away from moisture or any sources of ignition.

**Hazardous Polymerization**

Will not occur.

**Determination for Explosive Danger**

None.

**\*\*\* Section 11 – Toxicological Information \*\*\***

**General Information**

RTECS Number: Not listed

LD50: No data reported

**Carcinogenicity**

No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.

**Additional toxicological information:**

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

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

**\*\*\* Section 12 – Ecological Information \*\*\***

**Environmental Fate:**

No information found.

**Environmental Toxicity:**

No information found.

**\*\*\* Section 13 – Disposal Consideration \*\*\***

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste

disposal facility. Dispose of container and unused contents in accordance with federal, state and local requirements.

**\*\*\* Section 14 – Transportation Information \*\*\***

**ADR/RIC Code/Class:** Not Restricted

**Maritime Transport IMDG Code/Class:** Not Restricted

**Air Transport IATA Code/Class:** Not Restricted

**\*\*\* Section 15 – Regulatory Information \*\*\***

Check with your local regulatory authorities.

**\*\*\* Section 16 – Other Information \*\*\***

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied is given. The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. And it must be recognized that the physical and chemical properties of any product may not be fully understood and the new, possibly hazardous products may arise from reactions between chemicals. It is the buyer's responsibility to ensure that its activities comply with local laws.