

# Yangzhou Sunchem Co.,Ltd.

## Material Safety Data Sheet

### SODIUM PICRAMATE

#### 1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY INFORMATION

**Product Name:** SP

**Supplier:** Yangzhou Sunchem Co.,Ltd

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#### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**INCI Name:** SODIUM PICRAMATE

**Chemical Name:** Sodium 2-amino-4,6-dinitrophenoxide

**CAS No.:** 831-52-7

**ENIECS No.:** 212-603-8

**Molecular Formula:** C<sub>6</sub>H<sub>5</sub>N<sub>3</sub>O<sub>5</sub>Na

#### 3. HAZARD IDENTIFICATION

Caution! Explosive when dry. May cause central nervous system effects. Harmful by inhalation, in contact with skin and if swallowed. May cause blood abnormalities.

**Skin:**May cause sensitization.

**Inhalation:**Inhalation of high concentrations may cause central nervous system effects.

#### 4. FIRST AID MEASURES

**Eye Contact:**Rinse immediately with plenty of water for at least fifteen minutes. Get medical aid immediately. Assure adequate flushing by separating the eyelids with fingers.

**Skin Contact:**Get medical aid immediately. Flush skin with soap and water for at least fifteen minutes. Discard contaminated clothing.

**Inhalation:**Move to fresh air, get medical help immediately if breathing is difficult.

**Ingestion:**Wash out mouth with water provided person is conscious. Get immediate medical attention.

#### 5. FIRE FIGHTING MEASURES

**Extinguishing Media:**Carbon dioxide, dry chemical, alcohol-resistant chemical foam or water spray recommended.

**Special Firefighting Procedures:**Dry material is dangerously explosive.

Self-contained breathing apparatus and full protective gear recommended.

**Unusual Fire and Explosions Hazards:**

Explodes when heated.

Emits toxic fumes under fire conditions.

May be shock-sensitive.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions:

Evacuate Area.

Wear self-contained breathing apparatus, chemical safety goggles, rubber boots and heavy rubber gloves.

**Methods for Cleaning Up:** Do not attempt to sweep up dried material. Dampen with water before sweeping. Use non-sparking tools.

Take up mechanically and collect in suitable container for disposal. Ventilate area and wash off with plenty of water.

**Environmental Precautions:** Sweep up, place in a bag and hold for waste disposal. Do not flush into surface water or sanitary sewer system.

## 7. HANDLING AND STORAGE

**Handling:** Avoid contact with skin and eyes, wear personal protective equipment. Avoid ingestion and inhalation.

**Storage:** Invert stored container periodically to distribute moisture in container.

Store in a deluge type sprinkler area. Do not allow to freeze. Keep away from heat, sparks, and open flame.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Personal Protection:

NIOSH approved dust respirators are recommended when handling in areas of organic chemical dusting.

Safety glasses are also recommended.

Impervious clothing should be worn when gross contact is likely, such as cleaning up spills of large Amounts.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Deep reddish wet crystal

**Flash Point:** 98.9 °C

## 10. STABILITY AND REACTIVITY

**Stability:** Unstable.

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, and nitrogen oxides.

**Incompatibilities:** Heavy metals, heavy metal salts, oxidizing agents, reducing agents, and acids.

**Hazardous Polymerization:** Has not been reported.

## 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Harmful if swallowed, inhaled, or absorbed through skin.

May cause allergic skin reaction.

Exposure can cause nausea, headache and vomiting.

Damage to the liver and the kidneys.

ORL-MUS LD50: 378MG/KG.

## 12. ECOLOGICAL INFORMATION

No data available.

## 13. DISPOSAL CONSIDERATION

**Waste from Residue/Unused Products:**Dispose of as special waste in compliance with local and national regulations.

**Contaminated Packaging:**Triple rinse containers. Dispose of as special waste in compliance with local and national regulations.

## 14. TRANSPORT REGULATIONS

**UN- number:** 0235

**ADR/RID:**

Shipping Name:

Class:1.3C

Packing Group:II

**IMO:**

Shipping Name:

Class:1.3C

Packing Group:II

**ICAO:**

Shipping Name:

Class:1.3C

Packing Group:II

## 15. REGULATORY INFORMATION

Classification according to European directive on classification of hazardous preparations  
90/492/EEC

**Hazard Symbol(s):**Explosive, Harmful

**Risk Phrase(s):**R1- Explosive when dry.

R20/21/22- Harmful by inhalation, in contact with skin and if swallowed.

R43- May cause sensitization by skin contact..

**Safety Phrase(s):**S7- Keep container tightly closed.

S36/37- Wear suitable protective clothing and gloves.

## 16. OTHER INFORMATION

The information provided in this material safety data sheet is correct to the best of our knowledge. No warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Sunchem assumed no responsibility for any personal injury or property damage caused by the materials. Users assume all risks associated with the use of the materials.