



# MSDS REPORT

**Product Name: Sodium pyroantimonate**

Applicant Name: WUXI MENGGAO NEW ENERGY TECHNOLOGY CO., LTD.

Written by Shanghai EBT Test Technology Co.,Ltd.





## Section 1-Chemical Product and Company Identification

**Product Name:** Sodium pyroantimonate

**Manufacturer Identification:** WUXI MENGAO NEW ENERGY TECHNOLOGY CO., LTD.

**ADD:** 808# Room, Tsting hua Technology Zone, Zihui Road, Huishan District, Wuxi, Jiangsu, China

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## Section 2-Hazards Identification

**Fatalness grade:** In accordance with Directive 2001/58/EC, the product does not belong to dangerous article.

**Invasion route:** Eyes touch, inhalation, ingestion.

**Health Hazards:** Long-term exposure to dust may cause dermatitis and irritation to the eyes, upper respiratory tract.

**Environment hazards:** The powder of product has low mammalian toxicity, may cause pollution to water and soil environment.

**Burn & burst danger:** No burn and burst danger.

## Section 3-Composition/Information on Ingredients

Pure  Admixture

CAS No.	Chemical Name		Composition
12507-68-5	Sodium pyroantimonate	Total antimony (Sb <sub>2</sub> O <sub>3</sub> )	58.4±0.8
		Sodium oxide (Na <sub>2</sub> O)	12.5±0.5
—	Impurities		< 0.6

## Section 4-First Aid Measures

**Skin touch:** Take off contaminated clothes and rinse the skin with plenty of water.

**Eyes touch:** Lifting the upper and lower eyelids, flush the eyes with plenty of water. Get medical aid.

**Inhalation:** Remove from exposure and move to fresh air immediately. Get medical aid if necessary.

**Ingestion:** Get medical aid.

## Section 5-Fire Fighting Measures

**Danger characteristic:** The product is not combustible.

**Hazardous Combustion Products:** Metal oxide, etc.

**Fire-Fighting method & media:** The staff must wear filter type gas mask, and



the whole body fire prevention antivirus clothing. Media: Use dry sand, mountain flour.

## Section 6-Accidental Release Measures

**Emergency treatment:** Wear self-inhalation filter-type dust mask, chemical safety goggles, protective penetration work clothes, rubber gloves. Collect to lidded dry, clean cover containers with shovel. Large leakage: Cover with canvas or plastic cloth, keep dry. Collect and recycle.

## Section 7-Handling and Storage

**Handling:** Keep away from the fire, heat source. Smoking is forbidden in workplace. The operating staff must have received special training and abide by the operating regulations. Avoid producing dust. Use ventilation system and device. The workplace should be equipped with relevant types and quantities of devices for divulgence handling.

**Storage:** Keep the sample in the well-ventilated environment and dry place. The storage place should be equipped with corresponding varieties and number of fire equipment, equipped with devices for divulgence handling and suitable acceptable materials.

## Section 8-Exposure Controls, Personal Protection

**Maximum admissible concentration:** Not available.

**Monitoring Methods:** Flame atomic absorption spectrometry.

**Engineering controls:** Keep airtight operation and local exhaust system.

**Respiratory protection:** Wear self-contained breathing filter mask if the dust density exceed in the air. Wear breathing apparatus under the condition of emergency rescue or evacuation.

**Eyes Protection:** Wear usual safety glasses.

**Body protection:** Wear working clothes.

**Hands Protection:** Wear rubber gloves.

**Other Protections:** No smoking, dining and drinking water in the workplace. Keep good habit of hygiene.

## Section 9-Physical and Chemical Properties

**Flash point:** Not available.

**Appearance:** White powder, odorless.

**Melting point:** >1200 °C.

**Absorption wavelength:** Not available.

**Boiling point:** >1400°C.

**Proportion:** 1.3 g/cm<sup>3</sup>

**PH Value:** Not available.

**Permission of solvent inhalation:** Mainly used for kinescope glass shell



clarifying agent, textiles, plastics, building materials of flame retardants, etc.

### Section 10-Stability and Reactivity

**Stability:** Stable under normal temperatures.

**Distribution of Ban:** Not available.

**Conditions to Avoid:** Damp, raining.

**Hazardous Polymerization:** None.

**Hazardous Decomposition Products:** Not available.

### Section 11-Toxicological Information

**Acute Toxicity:** None.

**Sub-acute and Chronic Toxicity:** Not available.

**Irritation:** May cause stimulation to eyes and respiratory.

**Sensitization:** Not available.

**Mutagenicity:** None.

**Carcinogenicity:** None.

### Section 12-Ecological Information

**Eco-toxicity:** Low mammalian toxicity.

**Biodegradable:** Not available.

**Non-biodegradable:** Not available.

**Bio-concentration or biological accumulation:** Not available.

**Other harmful effects:** The powder may cause pollution to water and soil environment.

### Section 13-Disposal Considerations

**Nature of waste:** The waste of product impacts on the environment.

**Waste disposal methods:** Suggest using safety landfill disposal methods.

**Attention abandoned:** Refer to National or Local regulations before handling.

### Section 14-Transport Information

**Number of dangerous goods:** None.

**UN Number:** None.

**Packaging Mark:** No special marks.

**Packaging Method:** Composite paper bags, inner plastic film bag. The goods are suggested to be packaged according to ordinary packing method.

**Transport Attentions:** Examine whether the package of the containers are integrate and tight-closed or not before transport. No divulgence, no collapse, no precipitation or no damage during the course of transportation. Prevent be affected with damp be affected with damp, rain and packing damage during transportation.Prevent be affected with damp be affected with damp, rain and packing damage during transit.Don't put the goods together chief food chemicals.



The transport vehicle and ship must be cleaned and sterilized otherwise it is not allowed to assemble articles. The assemble place should keep away from bedroom and kitchen, and the engine room, power and fire source should be isolated from the assemble place. Under the condition of Road Transportation, the driver should drive in accordance with regulated route.

**Section 15 -Regulatory Information**

**Regulatory Information:** None.

**Section 16-Additional Information**

**References:** None.

**Data audit unit:** EBTest.

**Other Information:** The above information is based on the data of which we are aware and is believed to correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

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