

MATERIAL SAFETY DATA SHEET (MSDS)

Potassium Pyro Antimonate

1. IDENTIFICATION

Product Name: Potassium Pyro Antimonate

Chemical Name: Potassium Pyro Antimonate

Common Name: Potassium Pyro Antimonate

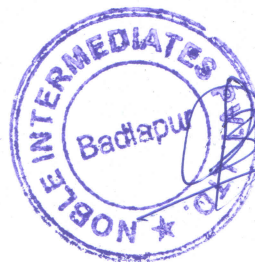
Molecular Formula: $K_2H_2Sb_2O_7 \cdot 4H_2O$

Manufacturer / Supplier:

NOBLE INTERMEDIATES PVT. LTD.

Address: Plot No. A-36, Behind State Bank of India, MIDC, Badlapur
MIDC Zone, Badlapur (E)-421 503, Dist. Thane, Maharashtra, INDIA

Emergency Phone: +91 7888024770



2. INGREDIENTS / COMPOSITION INFORMATION

Section 313 Supplier Notification

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372.

Component	% by Weight	CAS No.	PEL / TLV
Potassium Pyro Antimonate	> 98%	12208-13-8	0.5 mg/m ³ as Sb

3. HAZARD IDENTIFICATION

None, to our knowledge.

4. EMERGENCY AND FIRST AID MEASURES

Eyes:

Immediately flush with large quantities of water for at least 15 minutes. Get medical attention if irritation persists.



Skin:

Remove contaminated clothing. Wash contaminated area with soapy warm water. Consult a physician if irritation develops or persists.

Inhalation:

Remove to fresh air. If breathing is difficult, give oxygen. Consult a physician.

Ingestion:

Give 2-3 glasses of water. Induce vomiting immediately. Get medical attention.

5. FIRE AND EXPLOSION DATA

NFPA Hazard Rating:

- Health: 2
- Flammability: 0
- Reactivity: 0

(0 = Minimal, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Severe)

Extinguishing Media:

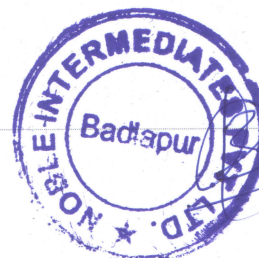
Dry chemical, water spray.

Special Fire Fighting Procedures:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual Fire and Explosion Hazards:

None.



6. SPILL OR LEAK PROCEDURES

Wear an approved high-efficiency dust/fume respirator.

If not contaminated, scoop up for reuse.

If contaminated, scoop or vacuum into container for disposal.

Avoid dusting.

Dispose of empty containers in accordance with all applicable federal, state, and local laws.

7. HANDLING AND STORAGE

1. Use only with adequate ventilation.
2. Avoid breathing dusts.
3. Avoid skin and eye contact.
4. Wash thoroughly after handling.
5. Store in a dry, well-ventilated area.
6. Keep containers closed.
7. Change clothing if exposed to heavy dust or spillage; launder before reuse.

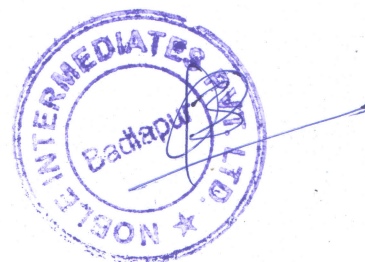
8. HEALTH HAZARD DATA

Applicable to Potassium Pyro Antimonate in powder form.

(If Potassium Pyro Antimonate comes in contact with sufficient water, KOH (Potassium Hydroxide, pH > 10) may be formed. KOH can be corrosive and should be handled accordingly.)

Exposure Limits:

ACGIH TLV – 0.5 mg/m³ as Sb



Toxicity:

Acute oral LD₅₀ (rats) > 5 g/kg
Practically non-toxic by oral ingestion.

Corrosiveness:

Not corrosive as dry powder.
May become corrosive after extended contact if not washed off.
Can irritate eyes, moist skin, and mucous membranes.

Carcinogenicity:

No evidence found.

Primary Routes of Exposure:

Inhalation, ingestion.

Acute Effects:

Respiratory irritation, coughing, wheezing, burning sensation.

Chronic Effects:

None known.

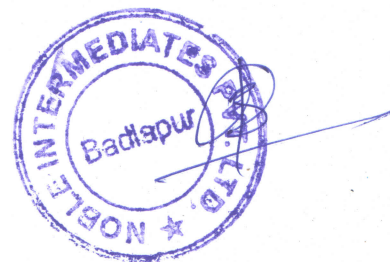
Medical Conditions Aggravated:

Individuals with chronic respiratory illness may experience difficulty upon over-exposure to dust.

9. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation:

Local exhaust ventilation sufficient to maintain exposure below OSHA limits.



Personal Protective Equipment:

1. NIOSH/MSHA-approved respirator as required
2. Safety glasses or chemical goggles
3. Gloves and protective clothing as necessary

Physical Properties:

- Melting Point: Loses water at 185°C
- Specific Gravity ($H_2O = 1$): 3.34
- Vapor Pressure: N/A
- Vapor Density: N/A
- Solubility in Water: 2.9 g / 100 g at 25°C
- Boiling Point: N/A

10. REACTIVITY DATA

Stability: Stable

Conditions Contributing to Instability: None expected

Incompatibility: None expected

Hazardous Decomposition Products: None expected

11. TOXICOLOGICAL INFORMATION

No information available.



No information available.

13. DISPOSAL CONSIDERATIONS

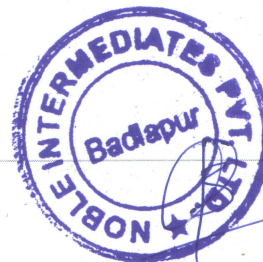
Dispose of in accordance with federal, state, and local regulations.
Avoid dusting during handling, transport, and disposal of empty containers.

14. TRANSPORT INFORMATION

- Road UN No.: N/A
- Air UN No.: N/A
- Sea UN No.: N/A
- IMDG Page No.: N/A
- Marine Pollutant: No
- ADR Class: N/A
- Air Transport Class: N/A
- Sea Transport Class: N/A

15. REGULATORY INFORMATION

- Label for Supply: Not classified
- Risk Phrases: Not classified
- Safety Phrases: Not classified



Noble Intermediates Pvt. Ltd.

16. OTHER INFORMATION



The information contained herein is believed to be accurate and reliable to the best of our knowledge. However, no warranty, expressed or implied, is made regarding accuracy or completeness. Conditions of use are beyond our control.

Product: POTASSIUM PYRO ANTIMONATE



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