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MATERIAL SAFETY DATA SHEET

POTASSIUM PYROANTIMONATE 98.5% **Extra Pure (Potassium Antimonate)** **MSDS CAS: 12208-13-8**

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: POTASSIUM PYROANTIMONATE

CAS#: 12208-13-8

Synonym: Potassium Antimonate

Chemical Name: Potassium Pyroantimonate

Chemical Formula: $\text{KSb}(\text{OH})_6$

Brand: OXFORD

Details Of The Supplier Of The Safety Data Sheet :

Company identification: OXFORD LAB FINE CHEM LLP
Unit. No. 12, 1st Floor, Neminath Industrial Estate No. 6,
Navghar, Vasai (East). Palghar - 401 210.
Mumbai, Maharashtra, INDIA.
Tel: 91-250-2390989
Tel/Fax: 91-250-2390032

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Potassium Pyroantimonate	12208-13-8	100

Section 3: Hazards Identification

Risk advice to man and the environment:

Harmful by inhalation and if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Section 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.

Section 5: Fire and Explosion Data

Suitable extinguishing media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special protective equipment for fire-fighters:

Wear self contained breathing apparatus for fire fighting if necessary.

Further information: The product itself does not burn.

Section 6: Accidental Release Measures

Personal precautions: Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Section 6: Accidental Release Measures (Continued)

Methods for cleaning up:

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

Section 7: Handling and Storage

Handling:

Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

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

Section 8: Exposure Controls/Personal Protection

Personal protective equipment

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection: The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Handle with gloves.

Eye protection: Safety glasses

Skin and body protection: Choose body protection according to the amount and concentration of the dangerous substance at the work place.

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

Section 9: Physical and Chemical Properties

Appearance Form	: Solid
Colour	: White
Molecular Weight	: 262.9 g/mole
pH	: No data available
Melting point	: No data available

Section 9: Physical and Chemical Properties (Continued)

Boiling point	: No data available
Flash point	: Not applicable
Ignition temperature	: No data available
Lower explosion limit	: No data available
Upper explosion limit	: No data available
Water solubility	: No data available

Section 10: Stability and Reactivity Data

Storage stability: Stable under recommended storage conditions.

Materials to avoid: Strong acids

Hazardous decomposition products:

Hazardous decomposition products formed under fire conditions. - Antimony oxide, Potassium oxides

Section 11: Toxicological Information

Acute toxicity: No data available.

Irritation and corrosion: No data available

Sensitisation: No data available

Chronic exposure

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.

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

Potential Health Effects

Inhalation Harmful if inhaled. May cause respiratory tract irritation.

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

Eyes May cause eye irritation.

Ingestion Harmful if swallowed.

Section 12: Ecological Information

Elimination information (persistence and degradability): No data available

Ecotoxicity effects: Toxicity to daphnia and other aquatic invertebrates.LC50 - Daphnia magna (Water flea) - > 164 mg/l - 24 h

Further information on ecology:

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Section 13: Disposal Considerations

Product: Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging: Dispose of as unused product.

Section 14: Transport Information

Land transport (ADR-RID)

Proper shipping name: ANTIMONY COMPOUND, INORGANIC, SOLID, N.O.S.

UN N°: 1549

H.I. nr: 60

ADR - Class: 6.1

Labelling - Transport: 6.1: Toxic substances.

ADR - Group: III

Sea transport (IMDG) [English only]

Proper shipping name: ANTIMONY COMPOUND, INORGANIC, SOLID, N.O.S.

UN N°: 1549

IMO-IMDG - Class or division: 6.1: Toxic substances.

IMO-IMDG - Packing group: III

Air transport (ICAO-IATA) [English only]

Proper shipping name: ANTIMONY COMPOUND, INORGANIC, SOLID, N.O.S.

UN N°: 1549

IATA - Class or division: 6.1: Toxic substances.

IATA - Packing group: III

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Section 15: Other Regulatory Information

Labelling according to EC Directives

EC Label

Hazard symbols: Xn Harmful
N Dangerous for the environment

R-phrase(s):

R20/22 Harmful by inhalation and if swallowed.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s):

S61 Avoid release to the environment. Refer to special instructions/ Safety data sheets.

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

The information contained herein in good faith but makes no representations as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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