



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : P 10217
Product Name : POTASSIUM PYROANTIMONATE

Manufacturer/supplier identification
Company : NICE Chemicals (P) Ltd., Cochin, India
Tel - 0484 2800212, 2802755

Contact for information : Tel. No.- 0484 2802536 Fax : 0484 2802483
Emergency Telephone No. : 0484 2801583 Tele fax No. : 0484 2802483

2. Composition/Information on Ingredients

CAS-No : 12208-13-8 Ec-Index No. : 051-003-00-9
Molar Mass : 262.89 EC-No. : 235-387-7
Molecular Formula : $\text{KSb}_6(\text{OH})$

3. HAZARDS INDEX

Harmful by inhalation and if swallowed.

4. FIRST AID MEASURES

After inhalation : Fresh air. Consult doctor if feeling unwell.
After skin contact : Wash off with plenty of water.

After eye contact : Rinse out with plenty of water with the eyelid held
wide open.

After swallowing : Make victim drink plenty of water induce vomiting,
summon doctor.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : In adaption to materials stored in the
immediate neighbourhood.

Special risk : Development of hazardous combustion gases or vapours
possible in event of fire.

Other information : Non-combustible.

6. ACCIDENTAL RELEASE MEASURES

Person related precautionary measures :
Avoid generation of dusts; do not inhale dusts.



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Environmental protection measures :

Do not allow to enter sewerage system.

Procedures for cleaning/absorption : Take up dry. Forward for disposal.
Clean up affected area.

7. HANDLING AND STORAGE

Handling : No further requirements.

Storage : Tightly closed. Dry. Protected from light.

Storage temperature : No restrictions.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respiratory protection : Required when dusts are generated.

Eye Protection : Required

Hand Protection : Required

Industrial hygiene : Change contaminated clothing. Wash hands after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Solid
Colour	:	White
Odour	:	Characteristic
pH value at 20g/l H ₂ O (20° C)	:	7.5 - 9.0
Melting temperature	:	Not available
Boiling temperature (23hPa)	:	Not available
Ignition temperature	:	Not available
Flash Point	:	Not available
Explosion limit lower	:	Not available
upper	:	Not available
Relative vapour density	:	Not available
Density	:	Not available
Bulk density	:	~1200 kg/m ³
Solubility in Water (20° C)	:	20 gm/lt.
Water (100° C)	:	110 gm/lt.
Ethanol (20° C)	:	Almost insoluble

10. STABILITY & REACTIVITY

Conditions to be avoided : Heating

Substances to be avoided : No information available

Hazardous decomposition products : No information available



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11. TOXICOLOGICAL INFORMATION

Acute Toxicity :

Quantitative data on the toxicity of this product are not available.

Further toxicological information :

After inhalation of dust : Harmful

After swallowing : Harmful

Property which cannot be excluded by analogy :

Systemic effects : Drop in blood pressure, cardiac dysrhythmia, collapse,
diarrhoea.

Causes impaired function of : kidneys.

Further data :

Further hazardous properties cannot be excluded. The product should be handled with the care usual when dealing with chemicals.

12. ECOLOGICAL INFORMATION

Ecotoxic effects :

Quantitative data on the ecological effect of this product are not available.

Further ecologic data :

Biological effects : Hazard for drinking water supplies. The following statements refer to individual components of the preparation:

The following applies to antimony compounds in general :

toxic for aquatic organisms.

LC₅₀ : 10 mg/lit. in 96 h;

fish: P.promelas LD₀ 80 mg/lit. (as Sb₂O₃) ; bioaccumulation.

Do not allow to enter waters, waste water, or soil !

13. DISPOSAL METHOD

Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like house-hold waste or recycled.

There are no uniform EC Regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. Approved waste disposal companies which will advise you on how to dispose of



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special waste.

14. TRANSPORT INFORMATION

Transport over land

ADR/RID and GGVS/GGVE : GGVS/GGVE class : 6.1 Number and letter : 59c
ADR/RID class : 6.1 Number and letter : 59c
Name of material : POTASSIUM PYROANTIMONATE

Sea Transport IMDG : IMDG class : 6.1 UN No. : 1549 Packing group : III
Ems : 6.1-04 MFAG : 130
Correct Technical Name : POTASSIUM PYROANTIMONATE

Air Transport ICAO-TI
and IATA-DGR : ICAO/IATA class : 6.1 UN No. : 1549
Packaging group : III
Correct Technical Name : POTASSIUM PYROANTIMONATE

15. REGULATORY INFORMATION

Labeling according to EC Directives

Symbol : Xn Harmful
R-phrases : 20/22 Harmful by inhalation and if swallowed
S-phrases : 22 Do not breathe dust
EC-No. : 235-387-7 EC label

Water pollution class : 1 (slightly polluting substance) (own classification)

16. OTHER INFORMATION

Reason for alteration
Change in transport classification.
General update.

The information contained herein is based on the present state of our knowledge. It characterises the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.