



**Material Safety Data Sheet**  
**Antimony Potassium Tartrate**

**SECTION 1.1 – PRODUCT IDENTIFICATION**

<b>Product name</b>	:	<b>Antimony Potassium Tartrate</b>
<b>Molecular formula</b>	:	KSbO <sub>3</sub> ·C <sub>4</sub> H <sub>4</sub> O <sub>6</sub>
<b>Molecular weight</b>	:	324.92
<b>CAS no.</b>	:	28300-74-5

**SECTION: 1.2 – COMPANY IDENTIFICATION**

**Company Name:** Indenta Chemicals (India) Pvt. Ltd.  
**Address:** 201, Adamji Building, 413, Narshi Natha Street, Mumbai -400 009. (India)  
**Telephone #:** +91-22-23449820 / 23411655  
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**SECTION 2: HAZARD IDENTIFICATION**

**Potential Acute Health Effects:** Very hazardous in case of ingestion. Hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation. Slightly hazardous in case of skin contact (permeator). Severe over-exposure can result in death

**Potential Chronic Health Effects:**

**CARCINOGENIC EFFECTS:** Not available.

**MUTAGENIC EFFECTS:** Not available.

**TERATOGENIC EFFECTS:** Not available.

**DEVELOPMENTAL TOXICITY:** Not available. The substance is toxic to lungs, mucous membranes. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated exposure to an highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

**SECTION 3: COMPOSITION / INGREDIENT INFORMATION**

**Name:** Antimony potassium tartrate

**CAS # :** 28300-74-5

**% by Weight:** 100

**Toxicological Data on Ingredients:** Antimony potassium tartrate: ORAL (LD50): Acute: 115 mg/kg [Rat].

**SECTION 4: FIRST AID MEASURES**

**Eye Contact:** Check for and remove any contact lenses. Do not use an eye ointment. Seek medical attention.

**Skin Contact:** In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

**Serious Skin Contact:** Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek

immediate medical attention.

**Inhalation:** Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

**Serious Inhalation:** Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation.

**Ingestion:** Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

**Serious Ingestion:** Not available.

## SECTION 5: FIRE FIGHTING MEASURES

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**Flammability of the Product:** Not flammable.

**Auto-Ignition Temperature:** Not applicable.

**Flash Points:** Not applicable

**Flammable Limits:** Not applicable

**Products of Combustion:** Not available.

**Explosion Hazards in Presence of Various Substances:**

Risks of explosion of the product in presence of mechanical impact: Not available.

Risks of explosion of the product in presence of static discharge: Not available.

**Fire Fighting Media and Instructions:** Not applicable

**Special Remarks on Fire Hazards:** Not available

**Special Remarks on Explosion Hazards:** Not available.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**Small Spill:** Use appropriate tools to put the spilled solid in a convenient waste disposal container.

**Large Spill:** Poisonous solid. Stop leak if without risk. Do not get water inside container. Do not touch spilled material. Use water spray to reduce vapors. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

## SECTION 7: HANDLING AND STORAGE

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**Precautions:** Keep locked up Keep container dry. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk; evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Never add water to this product In case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes

**Storage:** Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Highly toxic or infectious materials should be stored in a separate locked safety storage cabinet or room.

## SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

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**Engineering Controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Personal Protection:** Splash goggles, Lab coat, Dust respirator. Be sure to use an approved/certified respirator or equivalent, Gloves.

**Personal Protection in Case of a Large Spill:** Splash goggles, Full suit, Dust respirator, Boots, Gloves, A self contained

breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Exposure Limits:** TWA: 0.5 Consult local authorities for acceptable exposure limits

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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TESTS	SPECIFICATIONS
<b>Description</b>	White crystalline powder
<b>Assay</b>	Min. 99.5%
<b>pH (5% solution)</b>	4.0 - 4.2
<b>Water-insoluble matter</b>	Max.0.005%
<b>Arsenic (As)</b>	Max.0.0006%
<b>Calcium (Ca)</b>	Max.0.005%
<b>Copper (Cu)</b>	Max.0.001%
<b>Iron (Fe)</b>	Max.0.002%
<b>Lead (Pb)</b>	Max.0.002%

## SECTION 10: STABILITY AND REACTIVITY

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**Stability:** The product is stable.

**Instability Temperature:** Not available.

**Conditions of Instability:** Not available.

**Incompatibility with various substances:** Not available.

**Corrosivity:** Non-corrosive in presence of glass.

**Special Remarks on Reactivity:** Not available.

**Special Remarks on Corrosivity:** Not available.

**Polymerization:** Will not occur

## Section 11: TOXICOLOGICAL INFORMATION

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**Routes of Entry:** Eye contact. Inhalation. Ingestion.

**Toxicity to Animals:** Acute oral toxicity (LD50): 115 mg/kg [Rat].

**Chronic Effects on Humans:** The substance is toxic to lungs, mucous membranes.

**Other Toxic Effects on Humans:** Very hazardous in case of skin contact (irritant), of ingestion. Slightly hazardous in case of skin contact (corrosive, permeator).

**Special Remarks on Toxicity to Animals:** Not available.

**Special Remarks on Chronic Effects on Humans:** Not available.

**Special Remarks on other Toxic Effects on Humans:** Not available

## Section 12: ECOLOGICAL INFORMATION

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**Ecotoxicity:** Not Available

**BOD5 and COD:** Not Available

**Products of Biodegradation:** Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The products of degradation are less toxic than the product itself.

**Special Remarks on the Products of Biodegradation:** Not Available

**Section 13: DISPOSAL CONSIDERATION**

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**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**SECTION 14: TRANSPORT INFORMATION**

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**DOT Classification:** CLASS 6.1: Poisonous material

**Identification:** Antimony potassium tartrate UNNA: UN1551 PG: III

**Special Provisions for Transport:** Not available.

**SECTION 15: OTHER REGULATORY INFORMATION**

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**Federal and State Regulations:** Pennsylvania RTK: Antimony potassium tartrate Massachusetts RTK: Antimony potassium tartrate SARA 313 toxic chemical notification and release reporting: Antimony potassium tartrate CERCLA: Hazardous substances.: Antimony potassium tartrate

**Other Regulations:**

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

**Other Classifications:**

**WHMIS (Canada):** CLASS D-1B: Material causing immediate and serious toxic effects (TOXIC).

DSCL (EEC): R25- Toxic if swallowed. R36/38- Irritating to eyes and skin.

**HMIS (U.S.A.):**

Health Hazard: 3

Fire Hazard: 0

Reactivity: 0

Personal Protection: E

**National Fire Protection Association (U.S.A.):**

Health: 3

Flammability: 0

Reactivity: 0

**Specific hazard:**

**Protective Equipment:** Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

**SECTION 16: ADDITIONAL INFORMATION**

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