

# Material Safety Data Sheet

## Section 1 - Product and Company Identification

<b>Chemical Name</b>	Antimony potassium tartrate
<b>Chemical Formula</b>	$C_8H_4K_2O_{12}Sb_2 \cdot 3H_2O$
<b>Product Name</b>	Antimony potassium tartrate
<b>Company Identification</b>	Showa Kako Corporation 18-23 Yoshino-cho, Suita City Osaka pref., 564-0054 JAPAN
<b>Telephone Number</b>	+81-6-6384-1501
<b>24-hour Emergency Telephone Number</b>	+81-6-6384-1501
<b>Fax Number</b>	+81-6-6384-2287

## Section 2 - Hazards Identification

<b>Inhalation</b>	Dust from the product, if present, may cause respiratory irritation following an excessive inhalation exposure.
<b>Skin</b>	May produce skin Irritation.
<b>Eyes</b>	May cause eye Irritation.
<b>Ingestion</b>	Not expected to present a significant ingestion hazards under anticipated condition of normal use.

### GHS Classification

#### Physical Hazards

It is all parameters "Not applicable", "Not classified" or "Classification not possible".

#### Health Hazards

<b>Acute toxicity (oral)</b>	Category 3
<b>Skin corrosion / irritation</b>	Category 3
<b>Germ cell mutagenicity</b>	Category 2
<b>Carcinogenicity</b>	Category 2
<b>Specific target organs/systemic toxicity following single exposure</b>	Category 1 (respiratory system)
<b>Specific target organs/systemic toxicity following repeated exposure</b>	Category 1 (Cardiovascular system), Category 2(Liver)

It is "Not applicable", "Not classified" or "Classification not possible" excluding the above-mentioned parameters.

#### Environmental Hazards

<b>Hazardous to the aquatic environment (acute)</b>	Category 3
<b>Hazardous to the aquatic environment (chronic)</b>	Category 3

### GHS Symbol



GHS06



GHS08

**Signal word**                      Danger

**Hazard statements**

- H301 Toxic if swallowed
- H316 Causes mild skin irritation
- H341 Suspected of causing genetic defects
- H351 Suspected of causing cancer
- H370 Causes damage to organs (respiratory system)
- H372 Causes damage to organs through prolonged or repeated exposure (Cardiovascular system)
- H373 May cause damage to organs through prolonged or repeated exposure (Liver)
- H402 Harmful to aquatic life
- H413 May cause long lasting harmful effects to aquatic life

**Precautionary Statements**

- P264 Wash hand and face, etc. thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P281 Use personal protective equipment as required.
- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
- P273 Avoid release to the environment.

**Response Statements**

- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P330 Rinse mouth.
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P308+P313 IF exposed or concerned: Get medical advice/attention.
- P307+P311 IF exposed: Call a POISON CENTER or doctor/physician.
- P314 Get medical advice/attention if you feel unwell.

**Storage Statements**

- P405 Store locked up.

**Disposal Statements**

- P501 Dispose of contents/container through a waste management company authorized by the local government.

**Section 3 - Composition / Information on Ingredients**

Chemical Name	CAS #	UN #	Percent
Antimony potassium tartrate	28300-74-5	1551	98.0% min.

**Section 4 - First Aid Measures**

- Eyes**                      Immediately flush eyes with copious amounts of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Consult with ophthalmologist.
- Skin**                      Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Consult with a physician if symptoms occur.

<b>Ingestion</b>	Immediately wash mouth with plenty of water and give 1 - 2 cupfuls of milk or water if victim is conscious and alert. Consult with a physician. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Remove to fresh air, wash out nasal aperture and mouth with plenty of water. If breathing is difficult, give artificial respiration. If not breathing, give oxygen. Consult with a physician.

### Section 5 - Fire Fighting Measures

<b>Flash Point</b>	No data found	<b>Autoignition</b>	No data found
<b>Explosion Limits</b>	<b>Lower</b> No data found	<b>Upper</b>	No data found
<b>Extinguishing Media</b>	Antimony agents , Potassium agents and Carbon Oxides.		
<b>Fire Fighting Instructions</b>	Avoid non-fire fighting equipped personnel to enter. Extinguish upwind from the fire wearing appropriate protective gear.		

### Section 6 - Accidental Release Measures

<b>Spills/Leaks</b>	Evacuate spill area. Provide adequate ventilation. Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Do not contact with skin. Do not inhale. Wash spill site after material pickup is complete.
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### 7 - Handling and Storage

<b>Handling</b>	Wear appropriate protective gear. Do not contact with eyes, skin and on clothing. Do not inhale. Handle with care. Wash mouth and hand after handling the material.
<b>Storage</b>	Keep container tightly closed. Avoid such conditions as direct sunlight and high piling. Store in low-humid and dry area.

### Section 8 - Exposure Controls / Personal Protection

<b>Engineering Controls</b>	Facilities storing or utilizing the material should be equipped with an eye wash facilities and a safety shower. Use adequate ventilation to keep airborne concentrations low.
<b>Exposure Limits</b>	ACGIH: TLV-TWA 0.5mg/m <sup>3</sup> (as Sb)
<b>Personal Protective Equipment</b>	
<b>Eyes</b>	Safety goggles
<b>Skin</b>	Rubber gloves
<b>Clothing</b>	Protective clothing and rubber boots
<b>Respirators</b>	Anti-dust mask

### Section 9 - Physical and Chemical Properties

<b>Physical State</b>	Powder
<b>Appearance</b>	Colorless or pale yellow
<b>Odor</b>	None
<b>Boiling point</b>	No data found
<b>Melting point</b>	No data found
<b>Density</b>	Specific gravity : 2.607
<b>Viscosity</b>	No data found
<b>pH</b>	No data found
<b>Flash Point</b>	No data found

<b>Autoignition</b>	None
<b>Explosibility</b>	None
<b>Vapor Pressure</b>	No data found
<b>Vapor Density</b>	No data found
<b>Solubility</b>	Water : 8.3g/100ml(25°C), 17.0g/100ml(50°C), 35.9g/100ml(100°C) Soluble in Glycerin, Insoluble in Alcohol

### Section 10 - Stability and Reactivity

<b>Stability</b>	Stable (efflorescence in air )
<b>Conditions to avoid</b>	No data found
<b>Incompatibilities with Other Material</b>	No data found
<b>Hazardous Decomposition Products</b>	May produce hydrochloric acid or antimony oxides
<b>Hazardous Polymerization</b>	Will not occur

### Section 11 - Toxicological Information

<b>RTECS #</b>	No data found
<b>LD50/LC50</b>	oral-rat LD50: 115mg/kg
<b>Carcinogenicity</b>	No data found
<b>Mutagenicity</b>	No data found
<b>Reproductive Effects</b>	No data found
<b>Teratogenicity</b>	Bacterium : 19µmol/L
<b>Immunology</b>	No data found
<b>Irritation</b>	No data found

### Section 12 - Ecological Information

<b>Ecotoxicity</b>	No data found
<b>Environmental Standard</b>	No data found

### Section 13 - Disposal Consideration

<b>Disposal Method</b>	Federal (national), state or local laws and regulations will determine the proper waste disposal method.
<b>Regulations</b>	Federal (national), state or local laws and regulations

### Section 14 - Transport Information

<b>Shipping Name</b>	ANTIMONY POTASSIUM TARTRATE
<b>Hazard Class</b>	Class 6.1
<b>UN #</b>	1551
<b>Packing Group</b>	III

### Section 15 - Regulatory Information

<b>United States</b>	<b>TSCA</b>	On the List
<b>EC</b>	<b>EINECS</b>	Not on the list
	<b>R Phrases</b>	R25 Toxic if swallowed.
	<b>S Phrases</b>	S22 Do not breathe dust.
<b>Canada</b>	<b>WHMIS</b>	No data found
<b>Japan</b>	<b>PRTR Law</b>	No.38(Antimony and Antimony compounds)

**Section 16 - Other Information**

<b>MSDS Creation Date</b>	September 08, 2009
<b>Revised Date</b>	May 18, 2011
<b>Revised No.</b>	Revised 2nd
<b>MSDS No.</b>	G0001

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