Chem Service Inc.

Material Safety Data Sheet

Last Revision Date: 10/18/2012

SECTION 1 - CHEMICAL PRODUCT and COMPANY IDENTIFICATION

Catalog Number: NG-I1550
Description: Antimony potassium tartrate powder
Other Names: K(SbO)C4H4O6.1/2H2O

Supplied by CHEM SERVICE, Inc. PO BOX 599, WEST CHESTER, PA 19381 (610)-692-3026
EMERGENCY PHONE: 1-610-692-3026

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

CAS: 28300-74-5
Description: Antimony potassium tartrate powder
EINECS No:
Hazard Symbols: N/A
Molecular Weight:
Molecular Formula: K(SbO)C4H4O6.1/2H2O

SECTION 3 - HAZARDS IDENTIFICATION

Contact lenses should not be worn in the laboratory
Can cause eye irritation.
Can cause skin irritation.
Can cause an allergic skin reaction.
Repeated exposure to vapors and/or dust can cause eye injury.
Vapors can cause severe eye inflammation and swelling of adjoining tissues.
May be harmful if inhaled.
Dust and/or vapors can cause irritation to respiratory tract.
May be harmful if swallowed.
Can cause cardiovascular system injury.
Can cause blood disorders.
Can cause nervous system injury.
Exposure can cause liver damage.
Can cause gastro-intestinal disturbances.
Possible cholinesterase inhibitor-May cause seizures, nausea, vomiting, airway obstruction and/or increased mucous secretions in the lungs.
Can be irritating to mucous membranes.
Ingestion may cause diarrhea.
Prolonged exposure may cause nausea/headache/dizziness and/or eye damage.

SECTION 4 - FIRST AID MEASURES

An antidote is a substance intended to counteract the effect of a poison. It should be administered only by a physician or trained emergency personnel. Medical advice can be obtained from a POISON CONTROL CENTER.
In case of contact: Flush eyes continuously with water for 15-20 minutes. Flush skin with water for 15-20 minutes.
If no burns have occurred-use soap and water to cleanse skin.
If inhaled remove patient to fresh air. Administer oxygen if patient is having difficulty breathing.
If patient has stopped breathing administer artificial respirations.
If patient is exhibiting signs of shock - Keep warm and quiet.
Get medical attention if necessary.
If patient is in cardiac arrest administer CPR.
Continue life supporting measures until medical assistance has arrived.
Remove and wash contaminated clothing.
Do not administer liquids or induce vomiting to an unconscious or convulsing person.
If swallowed, rinse out mouth with water, providing the person is conscious.
If swallowed drink 1 to 2 glasses of water.
Contact Poison Control Center immediately if necessary.
Get medical attention if necessary.
If patient is vomiting-watch closely to make sure airway does not become obstructed by vomit.

SECTION 5 - FIRE AND EXPLOSION DATA

Flash Point: Not Available
Extinguishing Media: Carbon dioxide or dry chemical powder. DO NOT USE WATER!

Upper Explosion Limit: N/A
Lower Explosion Limit: N/A
Auto Ignition: N/A

NFPA Hazard Rating:
Health Flammability Reactivity Special
0 - Least, 1 - Slight, 2 - Moderate, 3 - High, 4 - Severe

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Spills or leaks: Evacuate area. Wear appropriate OSHA regulated equipment. Ventilate area.
Absorb on vermiculite or similar material.
Sweep up and place in an appropriate container.
Hold for disposal.
Wash contaminated surfaces to remove any residues.
Remove contaminated clothing and wash before reuse.

SECTION 7 - HANDLING AND STORAGE

Handling:
This chemical should be handled only in a hood. Eye shields should be worn.
Use appropriate OSHA/MSHA approved safety equipment.
Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation
Wash thoroughly after handling.

Storage:

Store in a cool dry place. Store only with compatible chemicals. Store only with compatible chemicals. Keep tightly closed.
SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA PEL (TWA): 0.5 mg/m3  
ACGIH TLV (TWA): 0.5 mg/m3  
ACGIH TLV (STEL): N/A

Personal Protective Equipment
Eyes: Wear Safety Glasses.
Skin: Wear appropriate protective gloves to prevent skin exposure.
Clothing: Wear appropriate protective clothing to minimize contact with skin.
Respirators: A respiratory protection program that meets OSHA’s 29 CFR 1910.134 requirements must be followed whenever workplace conditions warrant a respirator’s use.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Color: Colorless
Phase: Crystalline solid
Melting Point: 100°C
Boiling Point: N/A
Specific Gravity: 2.607
Vapor Density: N/A
Vapor Pressure: N/A
Solubility in water: Slightly soluble
Odor: Odorless
Evaporation Rate: N/A
Molecular Weight:
Molecular Formula: K(SbO)C4H4O6.1/2H2O

SECTION 10 - STABILITY AND REACTIVITY

Easily oxidized-May be a peroxide former-Check for peroxides on all opened samples.
Reacts with Acid halides and anhydrides.
Combustible.
Reacts with phosphorus halides.
Incompatible with strong bases.
Incompatible with strong oxidizing agents.
Reacts with Thionyl chloride.
Reacts with carbonates.
Do not use Magnesium/Aluminum or their alloys as containers.
Decomposition liberates toxic fumes.
Corrodes steel.
Corrodes copper and its alloys.
Decomposes under alkaline conditions.
Decomposes under acidic conditions.
Incompatible with Iron and Zinc and other light metals.
Decomposition products are flammable.
Decomposed by Chlorine gas.
Efflorescent.
Incompatible with powdered metals
Incompatible with Nitrates.
Incompatible with active metals (e.g. Sodium).
Incompatible with caustics.
Incompatible with halogens.
Incompatible with Chloroformates.

SECTION 11 - TOXICOLOGY INFORMATION
RTECS: CC6825000

Oral Rat or Mouse LD50: 115
Dermal Rat or Mouse LD50: > N/A
Rat or Mouse LC50: N/A

Carcinogenicity
OSHA: No
NTP: No
IARC: No
CARC: No
NIOSH: No
ACGIH: No

California Proposition 65 info: Not Listed

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: Not Available
Environmental Fate: Not Available

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal should be handled through a licenced waste disposal service.

SECTION 14 - TRANSPORTATION INFORMATION

UN Number: UN1551
Class: 6.1
Packing Group: III
Proper Shipping Name: Antimony potassium tartrate

SECTION 15 - REGULATORY INFORMATION

European Labeling in Accordance with EC Directives
Hazard Symbols: N/A

Risk Phrases:

Safety Phrases:

SECTION 16 - OTHER INFORMATION

The above information is believed to be correct on the date it was last revised and must not be considered all inclusive. The information has been obtained only by a search of available literature and is only a guide for handling the chemicals. OSHA regulations require that if other hazards become evident, an upgraded MSDS must be made available to the employee within three months. RESPONSIBILITY for updates lies with the employer and not with CHEM SERVICE, Inc.

Persons not specifically and properly trained should not handle this chemical or its container. This product is furnished FOR LABORATORY USE ONLY! Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticide products, food additives or as household chemicals.

This Material Safety Data Sheet (MSDS) is intended only for use with Chem Service, Inc. products and should not be relied on for use with materials from any other supplier even if the chemical name(s) on the product are identical! Whenever using an MSDS for a solution or mixture the user should refer to the MSDS for every component of the solution or mixture. Chem Service warrants that this MSDS is based upon the most current information available to Chem Service at the time it was last revised. THIS WARRANTY IS EXCLUSIVE, AND
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