



Safety Data Sheet
According to the (US) Hazard Communication Standard (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name Potassium Antimonyl Tartrate
NCL Catalog Number P-46A
Product Description Laboratory chemical
Manufacturer EMD Chemicals Inc. PO Box 70, 480 Democrat Road
Gibbstown, NJ 08027
Supplier NCL of Wisconsin, Inc. PO Box 8, Birnamwood, WI 54414
Telephone: 1-800-648-7836 Fax: 715-449-2454
Email: nclabs@nclabs.com Emergency Contact: 1-800-424-9300 (Chemtrec)

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification

Acute Toxicity Oral Category 3
Acute Toxicity Inhalation Category 4
Aquatic Acute Category 2
Aquatic Chronic Category 2



Signal Word Danger

Hazard Statements

H301 Toxic if swallowed.
H332 Harmful if inhaled.
H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

P261 Avoid breathing dust.
P264 Wash exposed skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P330 Rinse mouth.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 Call a POISON CENTER or doctor if you feel unwell.
P391 Collect spillage.
P405 Store locked up.
P501 Dispose of contents/container to comply with local, state and federal regulations.

Other Hazards Not Contributing to the Classification None under normal conditions.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Formula $K(SbO)C_4H_4O_6 \cdot \frac{1}{2}H_2O$

Substance

Name	CAS #	Approximate %
Potassium Antimonyl Tartrate	331753-56-1	100

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General First Aid Measures

Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.

If Inhaled

Remove person to fresh air and keep at rest in a position comfortable for breathing. If experience respiratory symptoms: Call a POISON CENTER or doctor.

In Case of Skin Contact

Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.

In Case of Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor if irritation persists.

If Swallowed

Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.

Most Important Symptoms/Effects Acute and Delayed

No additional information.

Indication of Immediate Medical Attention and Special Treatment Needed

Seek medical advice if you feel unwell.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Adapt extinguishing media to the environment.

Unsuitable Extinguishing Media

Do not use a heavy water stream.

Special Hazards Arising from the Chemical

No data available.

Special Protective Actions for Fire-Fighters

Wear self-contained breathing apparatus and protective clothing. Keep exposed containers cool with water spray. Dilute toxic gases with water spray.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions

Use personal protective equipment (see section 8). Safety glasses, gloves, gas/dust mask. Avoid dust formation. Avoid breathing dust, vapors, mist or gas. Ensure adequate ventilation and evacuate personnel to safe areas.

Environmental Precautions

Prevent entry to surface and ground waters.

Methods and Materials for Containment and Cleaning Up

Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Ensure compliance with local, state and federal regulations.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Remove contaminated clothing immediately. Clean contaminated clothing. Avoid contact with eyes and skin. Avoid breathing vapors. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Conditions for Safe Storage Including any Incompatibilities

Keep in original container, tightly closed and stored in a cool, dry, ventilated area.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**Control Parameters**

Potassium Antimonyl Tartrate (28300-74-5)		
USA OSHA	OSHA TWA (mg/m ³)	0.5 mg/m ³
USA ACGIH	ACGIH TLV (mg/m ³)	0.5 mg/m ³

Appropriate Engineering Controls

Material should be handled or transferred in a fume hood or with equivalent ventilation. Maintain eye-wash fountain and quick-drench facilities in work area.

Individual Protection Measures

Avoid all unnecessary exposure.

Eye/Face Protection

Use chemical safety goggles and/or a full face shield where splashing is possible. Contact lenses should not be worn when working with this material. Maintain eye-wash fountain and quick-drench facilities in work area.

Skin Protection

Protective gloves and additional protection including impervious boots, apron, or coveralls, as needed in areas of unusual exposure to prevent skin contact.

Respiratory Protection

Wear appropriate mask.

Other Information

Do not eat, drink or smoke when using this product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid, powder
Color	White
Odor	Odorless
Odor Threshold	Not determined
pH	Not determined
Melting Point/Freezing Point	Not determined
Initial Boiling Point and Boiling Range	Not determined
Flash Point	Not determined
Evaporation Rate	Not determined
Flammability (Solid, Gas)	Not determined
Upper/Lower Flammability/Explosive Limits	Not determined
Vapor Pressure	Not determined
Vapor Density	Not determined
Relative Density	Not determined
Solubility	Soluble in water
Partition Coefficient: n-octanol/water	Not determined
Auto-Ignition Temperature	Not determined
Decomposition Temperature	Not determined
Viscosity	Not determined

SECTION 10: STABILITY AND REACTIVITY

Reactivity	No data available
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	No data available
Conditions to Avoid	No data available
Incompatible Materials	Reactive with oxidizing agents and alkalis.
Hazardous Decomposition Products	Carbon oxides, potassium oxides, and antimony oxide

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity	Toxic if swallowed. Harmful if inhaled.
Potassium Antimonyl Tartrate (28300-74-5)	
LD50 oral rat	115 mg/kg
Skin Corrosion/Irritation	Not classified
Serious Eye Damage/Irritation	Not classified
Respiratory or Skin Sensitization	Not classified
Germ Cell Mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive Toxicity	Not classified
Specific Target Organ Toxicity (Single Exposure)	Not classified
Specific Target Organ Toxicity (Repeated Exposure)	Not classified
Aspiration Hazard	Not classified
Potential Adverse Human Health Effects and Symptoms	Toxic if swallowed.
Other Information	No additional information.

SECTION 12: ECOLOGICAL INFORMATION

Ecology – Water Toxicity Toxic to aquatic life with long lasting effects.

Potassium Antimonyl Tartrate (28300-74-5)	
LC50 fish 1	37 mg/l – 4d
EC50 Daphnia 1	5 mg/l – 48 h

Persistence and Degradability Not established.

Bioaccumulative Potential Oncorhynchus mykiss – 30 d
Bioconcentration factor (BCF): 3.4

Mobility in Soil Toxic to flora.

Other Adverse Effects Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Methods of Disposal

Disposal Recommendations Dispose of contents/containers in accordance with local, state and federal regulations. Hazardous waste shall not be mixed together with other waste.

Other Information Hazardous waste due to toxicity. Avoid release to the environment

SECTION 14: TRANSPORT INFORMATION

UN Number 1551

UN Shipping Name Antimony Potassium Tartrate

Transport Hazard Class(es) 6.1

Packing Group III

Environmental Hazards Environmentally hazardous substances.

Transport in Bulk Not applicable

Other Precautions Not applicable

SECTION 15: REGULATORY INFORMATION

Potassium Antimonyl Tartrate (28300-74-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on SARA Section 313 (Specific Toxic Chemical Listings)

SECTION 16: OTHER INFORMATION

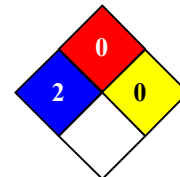
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NFPA Hazards

Health Hazard 2: Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

Fire Hazard 0: Materials that will not burn under typical fire conditions.

Reactivity/Instability 0: Normally stable, even under fire conditions, and is not reactive with water.



HMIS III Rating

Health 2: Temporary or minor injury may occur.

Flammability 0: Materials that will not burn.

Physical Hazard 0: Materials that are normally stable, even under fire conditions, and will not react with water.

Personal Protection C

P-46A	
Health	2
Flammability	0
Physical Hazard	0
Personal Protection	C

The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, NCL of Wisconsin, Inc. makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for their conditions of use. Accordingly, NCL of Wisconsin, Inc. will not be responsible for damages of any kind resulting from the use of or reliance upon such information.

END OF SAFETY DATA SHEET