



# SAFETY DATA SHEET

ProChemOnline.com



## SECTION 1 PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: **Antimony (III) Methoxide**

PRODUCT NUMBER: 1123

CAS NUMBER: 29671-18-9

### MANUFACTURER:

Prochem, Inc.  
826 Roosevelt Road  
Rockford, IL 61109

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IN CASE OF TRANSPORTATION EMERGENCY CONTACT CHEM-TREC: 1-800-424-9300

## SECTION 2 HAZARDS IDENTIFICATION

### CLASSIFICATION OF SUBSTANCE OR MIXTURE

Pictogram



Signal Word

**Warning**

### Hazard Statements

H302 + H332 Harmful if swallowed or if inhaled.

### Precautionary Phrases

P273 Avoid release to the environment.

**EYE CONTACT:** Causes irritation.

**SKIN CONTACT:** Causes irritation to skin. Harmful if absorbed thru skin contact.

**INHALATION:** Irritating to mucous membranes and upper respiratory tract. Harmful if inhaled.

**INGESTION:** Harmful if ingested.

**ACUTE HEALTH EFFECTS:** Harmful by ingestion or inhalation. Irritant.

**CHRONIC HEALTH EFFECTS:** No information found.

### HMIS CLASSIFICATION:

Health: 2

Flammability: 2

Reactivity: 1

### NFPA RATING:

Health: 2

Fire: 2

Reactivity Hazard: 1

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Formula: Sb(OCH<sub>3</sub>)<sub>3</sub>

Molecular Weight: 214.86

CHEMICAL NAME	CAS#	%	ACGIH (TLV)	OSHA (PEL)
Antimony (III) methoxide	29671-18-9	100	No data	No data

## SECTION 4 FIRST AID MEASURES

**EYE EXPOSURE:** Immediately flush the eyes with copious amounts of water (lukewarm if possible). Assure adequate flushing under eyelids. Seek medical attention.

**SKIN EXPOSURE:** Wash affected area with water. Remove contaminated clothes if necessary. Seek medical assistance if irritation or redness persists.

**INHALATION:** Remove victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. In such cases seek immediate medical assistance. Give oxygen if deemed necessary. If not breathing administer CPR. Get emergency care immediately.

**INGESTION:** Seek medical assistance immediately. Keep the victim calm. Do not induce vomiting.

## SECTION 5 FIREFIGHTING MEASURES

**FLASH POINT:** > 110° C

**AUTO IGNITION TEMPERATURE:** No data

**EXPLOSION LIMITS:** Not available

**EXTINGUISHING MEDIUM:** Water spray, carbon dioxide, dry chemical powder, or appropriate foam.

**SPECIAL FIRE FIGHTING PROCEDURES:** If involved in fire, fire fighters should be equipped with a NIOSH approved positive pressure self-contained breathing apparatus and full protective clothing. Use water spray to cool fire-exposed containers and structures.

**HAZARDOUS COMBUSTION AND DECOMPOSITION PRODUCTS:** If involved in a fire this material may emit toxic fumes.

**UNUSUAL FIRE OR EXPLOSION HAZARDS:** Carbon oxides and antimony oxide

## SECTION 6 ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** Wear appropriate protective equipment. Avoid breathing dust. Use adequate ventilation.

**ENVIRONMENTAL PRECAUTIONS:** Do not allow material to be released into the environment. Do not let enter drains.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:** Without creating dust, Sweep up and put in a suitable container for disposal.

## SECTION 7 HANDLING AND STORAGE

**PRECAUTIONS FOR SAFE HANDLING:** Avoid contact with skin and eyes. Handle under nitrogen.

**CONDITIONS FOR SAFE STORAGE:** Store in a cool, dry place in tightly closed containers. Store away from incompatible materials. Moisture sensitive.

## SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

**EYE PROTECTION:** Always wear approved safety glasses with side shields, or safety goggles, face shield when handling a chemical substance in the laboratory.

**SKIN PROTECTION:** Wear rubber, neoprene gloves.

**VENTILATION:** Handle in an efficient chemical fume hood.

**RESPIRATOR:** Wear an approved dust respirator. The use of respirators requires a Respirator Protection Program to be in compliance with 29 CFR 1910.34.

**OTHER PROTECTIVE EQUIPMENT:** Eye wash and quick-drench shower facilities should be available in work area. Use in a controlled environment. Do not smoke, eat, or drink in area. Avoid prolonged or repeated exposure.

**PRECAUTIONS:** IRRITANT. Material is irritating to mucous membranes and upper respiratory tract. Irritating to skin and eyes. Harmful by inhalation, ingestion, and skin absorption. Handle and store under nitrogen. Avoid contact with moisture.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**COLOR AND FORM:** White solid  
**MOLECULAR WEIGHT:** 214.86  
**BOILING POINT:** No data  
**MELTING POINT:** 123-127° C  
**SPECIFIC GRAVITY:** No data  
**VAPOR PRESSURE:** No data  
**% VOLATILE BY VOLUME:** Non volatile  
**SOLUBILITY:** Decomposes

## SECTION 10 STABILITY AND REACTIVITY

**STABILITY:** Stable  
**HAZARDOUS POLYMERIZATION:** Will not occur  
**CONDITIONS TO AVOID:** Avoid moisture  
**INCOMPATIBILITY:** Strong oxidizing agents  
**DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide, antimony, and antimony oxides.

## SECTION 11 TOXICOLOGICAL DATA

**RTECS:** No data  
**CARCINOGENIC EFFECTS:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen.  
**MUTAGENIC EFFECTS:** No data  
**TETRAOGENIC EFFECTS:** No data

To the best of our knowledge the toxicological effects of this compound have not been fully investigated.

## SECTION 12 ECOLOGICAL DATA

Toxic to aquatic organisms, may cause long-term adverse effects.

## SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of in according to local state and federal regulations

## SECTION 14 TRANSPORTATION DATA

UN3181  
Metal salts of organic compounds, flammable, n.o.s.  
(Antimony (III) Methoxide)  
Class 4.1  
PG III

## SECTION 15 REGULATORY INFORMATION

**TSCA:** Listed in the TSCA inventory  
**SARA 313 COMPONENTS:** This material does contain components that are subject to reporting by SARA Title III, Section 313.  
**SARA 311/312 HAZARDS:** Acute health hazard  
**MASSACHUSETTS RIGHT TO KNOW COMPONENTS:** No components are subject to the Massachusetts Right to Know Act.  
**PENNSYLVANIA RIGHT TO KNOW COMPONENTS:** Antimony (III) Methoxide  
**NEW JERSEY RIGHT TO KNOW COMPONENTS:** Antimony (III) Methoxide

## **SECTION 16 OTHER INFORMATION**

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