



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

PHONE: 815-398-1788
FAX: 815-398-1810
TOLL FREE: 800-795-8788

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.
H411	Toxic to aquatic life with long lasting effects.

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: $\text{Sb}(\text{OCH}_3)_3$

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: Nonvolatile
SOLUBILITY IN WATER: 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
TETRATOGENIC 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

UN3077
Environmentally hazardous substance, solid, n.o.s.
(antimony methoxide)
Class 9
PG III

SECTION 15 REGULATORY INFORMATION

TSCA: Not listed
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: Not listed

SECTION 15 REGULATORY INFORMATION (Cont.)

NEW JERSEY RIGHT TO KNOW COMPONENTS: Not listed

SECTION 16 OTHER INFORMATION

DISCLAIMER: The information herein is believed to be accurate and reliable as of the date compiled. However, ProChem, Inc. makes no representation, warranty, or guarantee of any kind with respect to the information in this document or any use of the product based on the information.

DATE REVISED: 05/24

SDS DEPT.