



# SAFETY DATA SHEET

ProChemOnline.com



## SECTION 1 PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: **Tin (II) Methoxide**

PRODUCT NUMBER: 3664

CAS NUMBER: 14794-99-1

### MANUFACTURER:

ProChem, Inc.  
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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

**Danger**

### Hazard Statements

H315	Causes skin irritation.
H319	Causes serious eye damage.
H335	May cause respiratory irritation.

### Precautionary Phrases

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

### HMS CLASSIFICATION:

Health: 1      Fire: 1      Reactivity Hazard: 1

### NFPA RATING:

Health: 1      Flammability: 1      Reactivity Hazard: 1

**EYE CONTACT:** Strong corrosive and irritating effect. Causes burn.

**SKIN CONTACT:** Corrosive effect on skin. Causes burns.

**INHALATION:** Corrosive and destructive to mucous membranes and respiratory tract.

**INGESTION:** Corrosive effect, burns, and perforation.

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Formula: Sn(OCH<sub>3</sub>)<sub>2</sub>

Molecular Weight: 180.76

CHEMICAL NAME	CAS#	%
Tin (II) Methoxide	14794-99-1	100

## SECTION 4 FIRST AID MEASURES

**EYE EXPOSURE:** Immediately flush the eyes with copious amounts of water for 15 minutes. Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. Get immediate medical attention.

**SKIN EXPOSURE:** Wash affected area with soap and water. Remove contaminated clothes if necessary. Seek medical assistance immediately.

**INHALATION:** Remove to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if necessary.

**INGESTION:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If conscious, wash out mouth with water. Get medical attention if necessary.

## SECTION 5 FIREFIGHTING MEASURES

**FLASH POINT:** Not available

**AUTO IGNITION TEMPERATURE:** Not available

**EXPLOSION LIMITS:** Not available

**EXTINGUISHING MEDIUM:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray, carbon dioxide, dry chemical, alcohol-resistant foam.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.

**HAZARDOUS COMBUSTION AND DECOMPOSITION PRODUCTS:** No data available

## SECTION 6 ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** Wear all appropriate equipment when using this material. Ensure adequate ventilation. Keep unprotected persons away. Use non-sparking tools.

**ENVIRONMENTAL PRECAUTIONS:** Prevent spillage from entering drains or allowing to be released into the environment.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:** Absorb with inert material, and sweep up and place in a well-marked container for proper disposal.

## SECTION 7 HANDLING AND STORAGE

**PRECAUTIONS FOR SAFE HANDLING:** Wear appropriate personal protective equipment. Use with adequate ventilation. Wash thoroughly after using. Keep container closed when not in use. Avoid formation of dusts and aerosols.

**CONDITIONS FOR SAFE STORAGE:** Store in cool, dry, and well-ventilated area. Store under dry inert gas.

## SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

### EXPOSURE CONTROLS

Component	Exposure Limits	Basis	Entity
Tin (II) Methoxide	2 mg/m <sup>3</sup>	TLV	ACGIH
	2 mg/m <sup>3</sup>	PEL	OSHA

TLV: Threshold Limit Value over 8 hours of work.

PEL: Permissible Exposure Limit

**EYE PROTECTION:** Wear chemical safety glasses or goggles.

**SKIN PROTECTION:** Wear nitrile or rubber gloves, apron, or lab coat.

**VENTILATION:** Provide local exhaust, preferably mechanical.

**RESPIRATOR:** Use an approved respirator.

**ADDITIONAL PROTECTION:** Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**COLOR AND FORM:** White powder

**ODOR:** No data available

**MOLECULAR WEIGHT:** 180.76

**BOILING POINT:** Not available

**MELTING POINT:** 242-243°C

**SPECIFIC GRAVITY:** No data available

**VAPOR DENSITY:** No data available

**SOLUBILITY IN WATER:** No data available

## SECTION 10 STABILITY AND REACTIVITY

**STABILITY:** Stable

**HAZARDOUS POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID:** Sparks, flame, heat, electrostatic charges, and sources of ignition

**INCOMPATIBILITY:** None known.

**DECOMPOSITION PRODUCTS:** No data available

## SECTION 11 TOXICOLOGICAL DATA

**ACUTE TOXICITY:** Not available

**CARCINOGENIC EFFECTS:** No components of this product present at levels greater than or equal to 0.1% is identified a carcinogen.

**MUTAGENIC EFFECTS:** Not available

**TETRATOGENIC EFFECTS:** Not available

**CHRONIC TOXICITY:** Metallic tin and inorganic tin may cause nausea, vomiting, diarrhea, irritation, and pneumoconiosis.

**RTECS:** No data

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

## SECTION 12 ECOLOGICAL DATA

No data available.

## SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of in according to local, state, and federal regulations.

## SECTION 14 TRANSPORTATION DATA

Not a dangerous good

## SECTION 15 REGULATORY INFORMATION

**TSCA:** No data

**DSCL (EEC):** No data

**SARA 302/304:** Not Listed

**SARA 311/312:** Not available

**SARA (TITLE 313):** Not Listed

## **SECTION 15 REGULATORY INFORMATION (Cont.)**

**CALIFORNIA PROP. 65:** Not Listed

**WHMIS CANADA:** Class D-2B: Toxic material causing other toxic effects

## **SECTION 16 OTHER INFORMATION**

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DATE REVISED: 09/25

SDS DEPT.