

Frontier Specialty Chemicals Inc.

Safety Data Sheet

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<http://www.frontiersci.com>

1. PRODUCT IDENTIFICATION OF SUBSTANCE/MIXTURE AND SUPPLIER INFORMATION

Product form: Liquid
Product Name: Tributyl(1-ethoxyvinyl)stannane
CAS No.: 97674-02-7
Formula: C₁₆H₃₄O₂Sn
FSCI Catalog #: T12414
Emergency Tel No: Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION---Label Information

Signal Word

Danger

Hazard Statement(s)

H301: Toxic if swallowed

H315: Causes skin irritation



H319: Causes serious eye irritation

H372: Causes damage to organs through prolonged or repeated exposure

General Risk:

Avoid inhalation, contact with skin or eyes, and ingestion. Always use personal protective Equipment when handling this compound. (Additional information may be included in SDS)

Precautionary Statements

P264-Wash hands thoroughly after handling.

P270-Do not eat, drink or smoke when using this product.

P280-Wear Impervious gloves/ protective clothing/ eye protection/ face protection.

P301-If SWALLOWED rinse mouth Do not induce vomiting

P302-IF ON SKIN Wash with plenty of soap and water.

P305-IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P310-Immediately call a POISON CENTER or doctor/physician

P313-IF exposed or concerned: Get medical advice/attention.

P314-Get medical advice/attention if you feel unwell

3. COMPOSITION / Information on INGREDIENTS

Product Name: Tributyl(1-ethoxyvinyl)stannane

CAS No.: 97674-02-7

Formula: C₁₆H₃₄O₂Sn

Appearance: No data available

4. FIRST AID MEASURES

- Inhalation:** Remove to fresh air. In cases of serious discomfort, seek medical attention. If not breathing, trained personnel should administer oxygen or artificial respiration.
- Eye Contact:** Flush with copious amounts of water for at least 20 minutes. Seek immediate medical Attention.
- Skin Contact:** Remove contaminated clothing. Rinse affected area with copious amounts of water. Rinse thoroughly. In case of skin damage or persistent irritation, seek immediate medical attention. Show the physician the container details.
- Ingestion:** Call a physician or poison control center immediately. Induce vomiting only if instructed to do so by medical personnel. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

- Extinguishing Medium:** Use firefighting measures which suit the environment and take into account other materials which may be involved. Use carbon dioxide or dry powder for fires involving this material. In general, water-based extinguishers are not recommended for fires involving organic materials
- Protective Equipment:** Wear self-contained breathing apparatus and protective clothing. Most compounds emit toxic Gases when burning.

6. ACCIDENTAL RELEASE MEASURES

- Personal Protection:** Avoid inhalation or contact of spilled material with skin or clothing. Wear protective clothing. Keep unprotected persons away.
- Environmental Protection:** Take precautions to ensure product does not contaminate the ground or enter the drainage system.
- Collection:** Contain or absorb, as appropriate. Minimize dust generation, where applicable. Dispose According to Section 13.

7. HANDLING AND STORAGE

- Handling:** Chemicals should be used only by those trained in handling potentially hazardous materials. Impervious gloves, eye protection and protective clothing should be worn. Operations Should be carried out in efficient fume hood or equivalent system. Avoid breathing or dust, Vapor, mist, or gas.
- Storage:** Store in a cool dry, well-ventilated area. Store in a tightly sealed container. Protect from moisture, heat, ignition sources, and incompatible substances. Protect from direct light. See stability and reactivity for more details on incompatible substances if available.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory:	Avoid inhalation of product. Handle in an efficient fume hood or equivalent system. Keep unprotected persons away.
Eye: Protection:	Avoid eye contact. Wear safety glasses, goggles or, for larger quantities, a full-face shield. system.
Hands and Body:	Avoid skin contact. Wear Impervious gloves and, for larger quantities, a full arm and body protection. Wash hands thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	No data available
Boiling Point:	86 deg C (187deg F)
Melting Point:	Not specified
Water Solubility:	Not specified
Flash Point:	113 deg C
Formula Weight:	361.151
Density:	No data available
Lower Explosive Limit:	No data available
Upper Explosive Limit:	No data available
PEL:	No data available
Auto Ignition Point:	No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity:	No data available
10.2 Chemical stability:	No data available
10.3 Possibility of hazardous reactions:	No data available
10.4 Conditions to avoid:	No data available
10.5 Incompatible materials:	No data available
10.6 Hazardous decomposition products Other decomposition products -	No data available
10.7 Hazardous decomposition products formed under fire conditions. -	No data available

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects: The full toxicological effects of this compound have not been studied
However as a minimum precaution it should be considered to be harmful. Hazardous decomposition products may occur
when this compound comes in contact with other chemicals, fire or water.

Acute toxicity:	No data available
Skin corrosion/irritation:	No data available
Ames test Result:	No data available

TOXICOLOGICAL INFORMATION Continued

Carcinogenicity IARC:	No data available
NTP:	No data available
OSHA:	No data available
Reproductive toxicity:	No data available
Specific target organ toxicity:	No data available
Single exposure Inhalation:	No data available
Repeated exposure:	No data available
Aspiration hazard:	No data available

12. ECOLOGICAL EFFECTS

Take care to prevent chemicals from entering the ground, water bodies, or drainage systems.

13. DISPOSAL CONSIDERATIONS

Disposal should be carried out via an approved contractor according to all federal, state and local regulations.

14. TRANSPORT INFORMATION

UN Number:	UN 2788
Packing Group:	III
Hazard Class:	6.1
DOT: Ship Name:	Organotin compound, Liquid, n.o.s. (Tributyl(1-ethoxyvinyl)tin
Other Information:	No data

15. REGULATORY INFORMATION

U.S. Federal regulations: None available

SARA 313 Reportable Chemicals Form R – Reporting requirements	Product name:	CAS/313 Category Codes	%
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16. OTHER INFORMATION

The information on this Safety Data Sheet is correct to the best knowledge as of the date of publication. This information should be used only as a guide and is not a guarantee of any specific properties. All chemicals should be handled by qualified personnel using proper handling precautions. FSSI cannot accept liability for any loss, damage, or injury that results from the use of this chemical.

THIS SUBSTANCE IS FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY.