

MATERIAL SAFETY DATA SHEET

24 HR. EMERGENCY PHONE # CHEM-TREC 1-800-424-9300

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SECTION 1 Product Identification

CHEMICAL NAME: Tin (II) 2-ethylhexanoate

CAS #: 301-10-0

FORMULA: Sn(OOCC7H15)2

SYNONYM: 2-Ethylcaproic acid, tin salt in 2-Ethylcaproic acid

SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS #	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	301-10-0	100	no data	no data

SECTION 3 Hazards Identification

EMERGENCY OVERVIEW: May be severely irritating to eyes, skin and respiratory tract, and cause drowsiness. Harmful if swallowed

PRIMARY ROUTES OF EXPOSURE: Ingestion, eyes, inhalation, skin

EYE CONTACT: May cause severe burns to the eyes.

SKIN CONTACT: May cause moderate to severe irritation of the skin. Heavy exposure to skin has been lethal in some animal studies.

INHALATION: Vapor may severely irritate the nose, mucous membranes and respiratory tract, and cause drowsiness.

INGESTION: Ingestion may cause gastrointestinal distress, dizziness, weakness, and drowsiness.

CHRONIC HEALTH EFFECTS: Prolonged exposure may damage the liver.

ACUTE HEALTH EFFECTS: Irritating to skin, eyes and respiratory tract.

SECTION 4 First Aid Measures

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

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

INHALATION: Remove the 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.

INGESTION: Seek medical assistance immediately. Keep the victim calm. Give the victim water (only if conscious). Induce vomiting only if directed by medical personnel.

SECTION 5 Firefighting Measures

FLASH POINT: >287°F

AUTO IGNITION TEMPERATURE: no data

EXPLOSION LIMITS: none

EXTINGUISHING MEDIUM: carbon dioxide, dry powder or foam

SPECIAL FIREFIGHTING PROCEDURES: If involved in a fire, fire fighters should be equipped with a NIOSH approved positive pressure self-contained breathing apparatus and full protective clothing.

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

UNUSUAL FIRE OR EXPLOSION HAZARDS: No unusual fire or explosion hazards.

SECTION 6 Accidental Release Measures

SPILL AND LEAK PROCEDURES: Eliminate all ignition sources. Small spills may be adsorbed into diatomaceous earth, sand, or other suitable adsorbent, and swept up.

SECTION 7 Handling and Storage

HANDLING AND STORAGE: Store material in a tightly sealed container . Keep away from heat and moisture.

SECTION 8 Exposure Controls and Personal Protection

EYE PROTECTION: Always wear approved safety glasses w/side shields, or safety goggles, face shield when handling a chemicals substance in the laboratory.

SKIN PROTECTION: Chemical-resistant.

VENTILATION: If possible, handle the material in an efficient fume hood.

RESPIRATOR: If in form of fine dust and ventilation is not available a respirator should be worn. The use of respirators requires a Respirator Protection Program to be in compliance with 29 CFR 19-10.134.

SECTION 9 Physical and Chemical Properties

COLOR AND FORM: viscous liq.

MOLECULAR WEIGHT: 405.11

MELTING POINT (DEG. C.): no data

BOILING POINT: no data

VAPOR PRESSURE: no data

SPECIFIC GRAVITY: 1.25

SOLUBILITY IN WATER: insoluble

SECTION 10 Stability and Reactivity

STABILITY: air and moisture stable liquid

HAZARDOUS POLYMERIZATION: no hazardous polymerization

CONDITIONS TO AVOID: none

INCOMPATIBILITY: oxidizing agents, bases

DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide, organic vapors, and metal oxides and carbonates.

SECTION 11 Toxicological Information

RTECS DATA: No information available in the RTECS files. 2-Ethylhexanoic acid: Eye (rabbit) Draize: 20mg Severe; Oral (rat) LD50:3g/kg; Inhalation (rat) LC: >400 ppm/6H; Skin (rabbit) LD50: 1260 microliter/kg; Oral (rat) TDLo: 8800 mg/kg/2W-1 somnolenc Oral (rat) Reproductive: 1803 mg.Kg developmental abnormalities.

MUTAGENIC EFFECTS: no data

TETRA TOGENIC EFFECTS: no data

CARCINOGENIC EFFECTS: no data

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

SECTION 12 Ecological Information

ECOLOGICAL INFORMATION: No information available

SECTION 13 Disposal Considerations

DISPOSAL: Dispose of in according to local state and federal regulations.

SECTION 14 Transportation Information

Non-hazardous

Non-hazardous

SECTION 15 Regulatory Information

TSCA: Listed in the TSCA inventory

SARA (TITLE 313): Title compound 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 PREPARED: 10/05