

PRMI

# MATERIAL SAFETY DATA SHEET

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## SECTION 1 Product Identification

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**CHEMICAL NAME: THALLIUM (III) ACETATE**

**PRODUCT NUMBER: 3526**

**CAS#: 2570-63-0**

**FORMULA:  $Tl(OOCCH_3)_3$**

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## SECTION 2 Composition and Information on Ingredients

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INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	2570-63-0	100	No Data	No Data

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## SECTION 3 Hazards Identification

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**EMERGENCY OVERVIEW: DANGER! HIGHLY TOXIC** Highly toxic by ingestion, inhalation, skin absorption. Danger of cumulative effects. Irritating to skin, eyes, mucous membranes.

**PRIMARY ROUTES OF EXPOSURE:** Inhalation, Ingestion, Skin absorption

**EYE CONTACT:** Causes irritation of the eyes .

**SKIN CONTACT:** Causes irritation to skin.

**INHALATION:** Highly toxic by inhalation. Causes irritation to respiratory system.

**INGESTION:** May be fatal if swallowed. Highly toxic

**SUBACUTE AND CHRONIC TOXICITY:** Main symptoms of thallium poisoning are peripheral neuropathy and loss of hair. Acute poisoning causes paresthesias, ataxia, alopecia, fever, coryza, abdominal pain, nausea and vomiting. Symptoms may progress to lethargy, speech disorders, tremors, convulsions, cyanosis, pulmonary edema, bronchopneumonia and death. Kidney, liver and brain damage can occur. Thallium poisoning during the first trimester of pregnancy can cause skeletal deformities, alopecia, low birth weight and premature birth. Chronic thallium poisoning may produce alopecia, salivation and a blue line on the gums. Damage to the gastrointestinal, endocrine system and kidneys may also occur.

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## SECTION 4 First Aid Measures

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**EYE EXPOSURE:** Immediately flush the eyes with copious amounts of water (lukewarm if possible) . Assume rinsing under eyelids. Consult a physician immediately.

**SKIN EXPOSURE:** Wash affected area with soap and water. Rinse skin thoroughly. Remove contaminated clothes if necessary. Seek immediate medical advice.

**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 competent medical assistance immediately. Keep the victim calm. Do not induce vomiting.