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## MATERIAL SAFETY DATA SHEET

Product Name: Methyl tin mercaptide

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Shanghai Research Institute of Chemical Industry Testing Centre  
Shanghai Classification and Testing Centre of Dangerous  
Chemicals for State Administration of Work Safety

**Inhalation Exposure:**

If inhaled, remove to fresh air. If breathing is difficult, give oxygen.

**Oral Exposure:**

If victim is conscious, wash out mouth with water. Get medical aid immediately.

**SECTION5 FIRE FIGHTING MEASURES****Extinguishing Media:**

Suitable: Water spray, Dry chemical, Carbon dioxide or appropriate foam.

**Firefighting:**

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Specific Hazard(s): Emits toxic fumes under fire conditions.

**SECTION6 ACCIDENTAL RELEASE MEASURES****Procedure of Personal Precaution:**

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation.

**Methods for Cleaning up:**

Mix with inert material (e.g. dry sand, vermiculite) and transfer to sealed container for disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

**Environmental precautions:**

Do not let product enter drains.

**SECTION7 HANDLING AND STORAGE****Handling:**

Wear appropriate protective clothing and safety gloves. Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Mechanical exhaust required. Keep away from ignition sources, heat and flame. Incompatibilities: strong oxidizing agents and foods. No smoking at working site.

**Storage:**

Keep away from heat, sparks, and flame. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Incompatible: strong oxidizing agents and foods.

**SECTION8 EXPOSURE CONTROL/PPE****Engineering Controls:**

Safety shower and eye bath. Mechanical exhaust required.

**Personal Protective Equipment:**

Respiratory: Government approved respirator.

Eye: Chemical safety goggles.

Clothing: Wear appropriate protective clothing.

Hand: Safety gloves.

**Other Protect:**

No smoking, drinking and eating at working site. Wash thoroughly after handling.

**SECTION9 PHYSICAL/CHEMICAL PROPERTIES**

Appearance: Colorless transparent liquid

Odor: Weak penetrating odor  
Boiling Point/°C: >150.0°C  
Flash Point (Closed Cup)/°C: >95.0°C  
pH Value: 4.3 (25°C, 50.0g/L)  
Solubility: Slightly soluble in water  
Viscosity: 78.83mm<sup>2</sup>/s (20.00°C±0.02°C, kinematic viscosity)

### SECTION10 STABILITY AND REACTIVITY

**Stability:**

Stable under normal temperatures and pressures.

**Materials to Avoid:**

Strong oxidizing agents.

**Hazardous Polymerization:**

Will not occur.

**Hazardous Decomposition Products:**

Carbon monoxide, Carbon dioxide, Sulfur oxides, Tin oxides.

### SECTION11 TOXICOLOGICAL INFORMATION

**Acute toxicity:**

No data available.

**Skin corrosion/irritation:**

No data available.

**Serious eye damage/irritation:**

No data available.

### SECTION12 ECOLOGICAL INFORMATION

**Toxicity:**

No data available.

**Persistence and degradability:**

No data available.

**Bioaccumulative potential:**

No data available.

**Mobility in soil:**

No data available.

### SECTION13 DISPOSAL CONSIDERATION

**Appropriate Method of Disposal of Substance:**

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

### SECTION14 TRANSPORT INFORMATION

RID/ADR: This substance is considered to be non-hazardous for transport.

IATA: This substance is considered to be non-hazardous for air transport.

IMO: This substance is considered to be non-hazardous for sea transport.

### SECTION15 REGULATORY INFORMATION

Regulation (EC) No. 1272/2008:  
No data for classified.

### SECTION16 OTHER INFORMATION

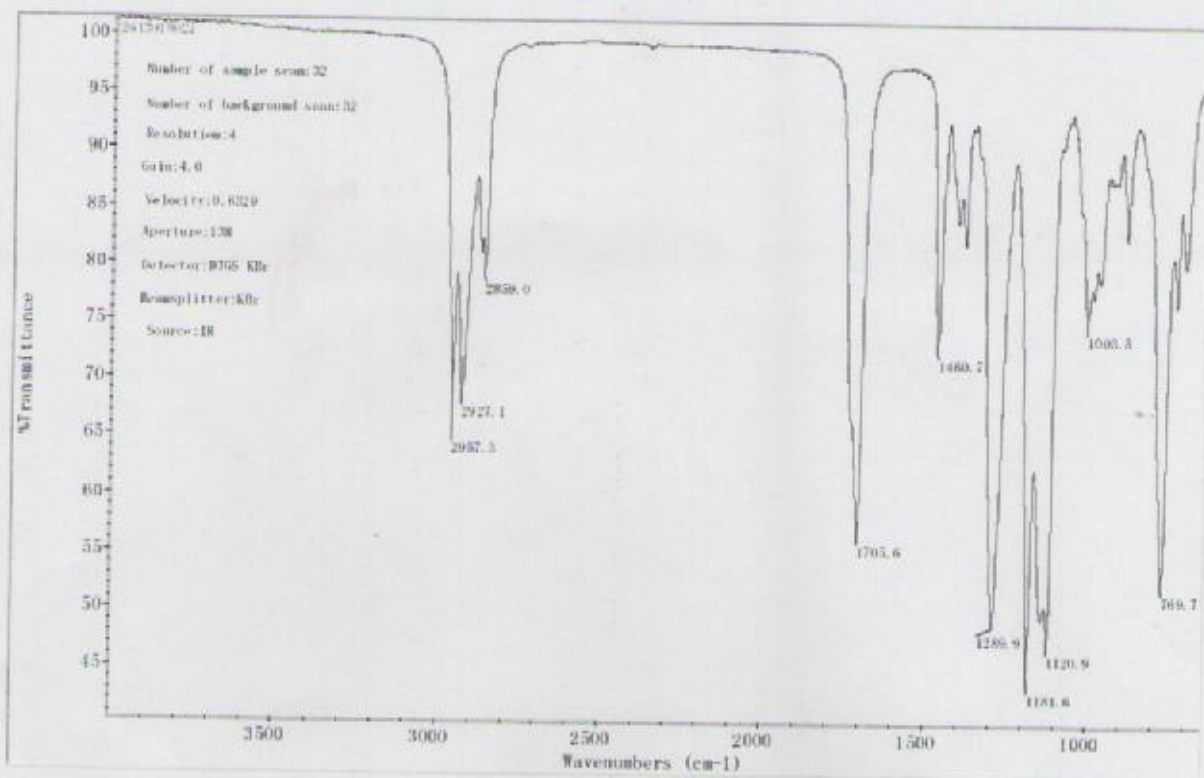
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