

WESTERN RESERVE CHEMICAL

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MATERIAL SAFETY DATA SHEET

WESTCO ZMTI

1. Product Identifications

Product Name:	Westco ZMTI		
Composition:	Zinc 2-Mercaptotoluimidazole	<u>CAS#</u> 61617-00-3	<u>% by wt</u> 98
	Petroleum Oil	64742-52-5	2

2. Physical Description/Properties

Specific Gravity:	1.54
Melting Point (C° Min):	270
Bulk Density (g/cm ³):	0.35
Appearance:	White to light yellowish powder
Odor:	None
Solubility:	Soluble in ethyl alcohol; insoluble in water and organic solvents.
Volatiles %	NA
Sieve residue(100 mesh)	<0.1

3. Hazard Information

Combustible dust

Keep away from heat, sparks and flame. Eye irritant-Can cause redness, tearing and swelling. Skin contact may cause allergic reaction. Inhalation may cause upper respiratory irritation. Harmful if swallowed.

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4. First Aid Information

Skin:	Remove contaminated clothing and wash before re-use. Immediately wash contaminated skin with running water.
Ingestion:	Immediately rinse mouth with water. Do not induce vomiting. Seek immediate medical attention.
Eyes:	Flush with water for 15 minutes. Seek medical attention if irritation persists.
Inhalation:	Remove person to fresh air. Get immediate medical attention if breathing is difficult or short

5. Handling and Storage

Storage:	Store in a dry well-ventilated area avoiding exposure to ignition sources.
Stability in storage:	two years

6. Employee Protection Recommendations

The employee should wear protective clothes and avoid direct physical contact with the product.

Eye Protection:	Wear chemical safety glasses or goggles
Hand Protective Requirements:	Wear protective gloves.
Skin Protective Requirements:	Wear overalls.
Ventilation:	Local exhaust

7. Toxicological Information

Low toxicity	
LD50 acute oral for rats:	800mg/kg
LD50 acute skin for rats:	>2000mg/kg

8. Fire and Explosion Data

Flash point:	Not available
Exposure standard limits:	Not available
Flammable	
Extinguish Media:	Spray water, Carbon Dioxide, foam, sand or dry chemical.

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9. Reactivity

Chemical stability: Stable when stored in original container protected from heat and moisture.

Hazardous Polymerization: Does not occur.

Materials to avoid: Strong oxidizers, acids and water.

Hazardous products of decomposition: Oxides of nitrogen, sulfur and carbon.

10. Accidental Release and Disposal

Spills: Sweep and place in closable container. Avoid generation of dust. Wear appropriate protective clothing and safety devices. Do not use water to remove spilled material.

Disposal: Bury waste and empty containers in licensed landfill in adherence to federal, state and local regulations.

11. Transportation Information

DOT Status	Not regulated
DOT shipping name	None
DOT reportable qty. (lbs)	None
ICAO/IATA Status	Not regulated
Proper shipping name	None
UN/NA number	None
IMDG Status	Not regulated
TDG Canada	Not regulated

12. Regulatory Information

Worldwide Inventory Status	
TSCA (USA):	Listed
Canadian DSL	Listed
EINECS/ELINCS (Europe):	Listed
Japanese Inventory (ENCS):	Listed
Korean Chemical Inventory (ECL):	Listed
Australian Chemical Inventories (AICS):	Listed

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China (CLECS):	Listed
US Regulatory Rules	
SARA Section 302:	None Found
SARA 311/312 Hazard Categories:	Delayed Fire
SARA 313 Chemical:	Zinc 2-Mercaptotoluimidazole
RCRA Status:	RCRA waste
OSHA:	Hazardous by 29 CFR 1910.1200 standard
Other Regulations:	
California Proposition 65:	NONE
New Jersey Right-to-know List:	Zinc-2-mercaptotoluimidazole
Pennsylvania Right-to-Know List:	Zinc-2-mercaptotoluimidazole
Florida Right-to-Know:	N/A
Minnesota Right-to-Know:	N/A
MA Right-to-Know Law:	N/A

13. Other Information

HMIS Classification Health 2 Flammability 1 Reactivity 0

Important Note: The information provided is without warranty regarding its accuracy or completeness. The information may not be valid under all conditions. The user has the final responsibility for determining the suitability of the product in a given application.