

# WESTERN RESERVE CHEMICAL

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## MATERIAL SAFETY DATA SHEET

### WESTCO NaMBT 50

CAS #

**2492-26-4**

#### 1. Product Identifications

Product Name: Westco NaMBT 50  
Chemical Name: 2-Mercaptobenzothiazole solution,  
sodium salt  
Formula:  $C_7H_5NS_2Na$

#### 2. Physical Description/Properties

Specific Gravity: 1.27  
PH Value: 10  
Appearance: Yellow to amber liquid  
Solubility: Soluble in water

#### 3. Hazard Information

##### **Corrosive**

Causes severe eye and skin burns. May cause allergic reaction to skin.

#### 4. First Aid Information

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

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### **5. Handling and Storage**

Storage: Store in a dry well-ventilated area.  
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 with side shields or goggles.

Hand Protective Requirements: Wear protective gloves impervious to caustic materials.

Skin Protective Requirements: Wear rubber aprons.

Respiratory Protection: Use mist respirator if aerosols or mist are created.

### **7. Toxicological Information**

Low toxicity

LD50 acute oral for rats: 3100mg/kg

### **8. Fire and Explosion Data**

Flash point: >220°F

Exposure standard limits: Not determined

Not flammable

Extinguish Media: Spray water, Carbon Dioxide, foam, sand or dry chemical.

### **9. Reactivity**

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

Hazardous Polymerization: Does not occur.

Materials to avoid: Strong oxidizers and acids.

Hazardous products of

decomposition: Oxides of carbon, nitrogen and sulfur.

## **10. Accidental Release and Disposal**

Spills: Absorb on inert material, sweep and place in closable container. Wear appropriate protective clothing and safety devices. Do not use water to remove spilled material.

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

## **11. Transportation Information**

DOT Status	Caustic liquid, nos, class 8, UN1719 packing group II (aqueous sodium-2 mercaptobenzothiazole)
DOT shipping name	
DOT reportable qty. (lbs)	1001
ICAO/IATA Status	Caustic liquid, nos, class 8, UN1719 packing group II (aqueous sodium-2 mercaptobenzothiazole)
Proper shipping name	None
UN/NA number	UN1719
IMDG Status	Caustic liquid, nos, class 8, UN1719 packing group II (aqueous sodium-2 mercaptobenzothiazole)

## **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
Phillipines (PICCS) Inventory:	Listed
China (IECS):	Listed

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### US Regulatory Rules

SARA Section 302:	None Found
SARA 311/312 Hazard Categories:	Immediate health hazard
SARA 313 Chemical:	2-Mercaptobenzothiazole
RCRA Status:	Hazardous waste

### Other Regulations:

California Proposition 65:	NONE
New Jersey Right-to-know List:	2(3H)-Benzothiazole thione,sodium salt
Pennsylvania Right-to-Know List:	N/A
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 3 Flammability 0 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.

9/07