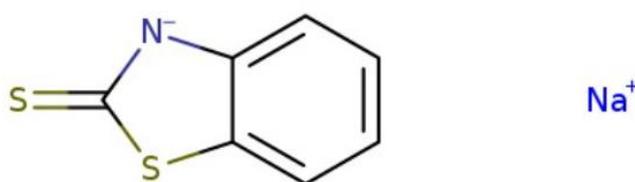


## Sodium salt of 2-Mercaptobenzothiazole (MBT.Na)



<b>CAS No.</b>	2492-26-4	<b>EINECS No.</b>	219-660-8
<b>Molecular Formula</b>	C <sub>7</sub> H <sub>4</sub> NNaS <sub>2</sub>	<b>Molecular Weight</b>	189.22

### Structural Formula



## Product Features

MBT.Na is amber aqueous solution of sodium 2-mercaptobenzothiazole. MBT.Na is used as a corrosion inhibitor and water treatment agent. Its biological activity indicates that MBT.Na has a possible application as a bactericide or fungicide. MBT.Na is also used as a chemical intermediate.

## Technical Specification

Parameter	Standard
Appearance	Pale yellow transparent liquid
Active content(wt), %	50.0min
Density (20°C), g/cm <sup>3</sup>	1.20 min
pH (1% solution)	9.0-11.5

## Applications & Usage

MBT.Na can be used as the copper corrosion inhibitor in circulating cool water system. The mechanism is due to the chemical absorption of MBT.Na on copper surface, or chelation reaction between them.

The dosage of 4mg/L is preferred. MBT.Na can also be used as plasticizer and photometer for acid copper plating.

## Package & Storage

25L Drum	200L Drum	1000L IBC	ISO Tank
			
Storage for 12 months in shady room and dry place.			

## Hazard & Safety Precaution

Hazard Information	Safety Precaution
 Corrosive, Class 8, UN 3267	
Once contacted with eye and skin, flush with plenty of clean water.	

## Alternative Name / Synonyms

- MBT.Na ; MBTS
- Sodium benzothiazol-2-yl sulphide;
- 2-Mercaptobenzothiazole sodium salt;
- 2-Benzothiazolethione sodium salt