



NORTH METAL & CHEMICAL COMPANY
World Class Molybdenum & Tungsten Compounds
 Since 1921

092013

AZOLE

Technical Bulletin

Sodium Mercaptobenzothiazole 50%

About us.....

- Founded in York, PA in 1921, NM&C remains a financially stable, family owned producer of World Class Molybdenum & Tungsten compounds serving the Metal Finishing, Agriculture, Water Treatment, Pigment, and Antifreeze markets worldwide.
- NM&C maintains over \$2 million inventory of finished goods and ore concentrates to guarantee our customers a stable and secure source of molybdate in the event of a crisis or shortage.
- All orders for one drum to truckload quantities are shipped the next business day or as requested.
- NM&C molybdates are American Made and backed by full 'Cradle-to-Grave' product liability.
- NM&C is unrivaled in customer service and technical support.
- Strict Quality Assurance programs and ISO 9002 practices assure products of the highest quality and consistency.



Description:

A clear amber 50% aqueous solution of sodium 2-mercaptobenzothiazole

Technical Specifications: (NaC₇H₄NS₂)

CAS No. 2492-26-4

Physical Form	Clear, amber solution
Assay (%wt.)	49% - 52%
Freezing Point	-6 °C
Boiling Point	103 °C
Sodium Chloride Content (%wt.)	0.05% max
Free Alkalinity (% as NaOH)	0.50% max
Specific Gravity @ 25 °C	1.25–1.28
Color, Gardner	12 max
pH Value (concentrated)	12.5–13.2
pH Value (10% solution)	11.0–13.0

Application: Used as a corrosion inhibitor and water treatment agent; biological activity indicates possible use as a bactericide or fungicide. Also used as a chemical intermediate

Packaging and Storage: Available in 550 lb. non-returnable drums.

Safety: Corrosive solution. Avoid exposure to eyes, skin or clothing. Refer to MSDS for handling, exposure and cleanup information.



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SODIUM MBT 50 - Technical Data Sheet