

Technical Data Sheet

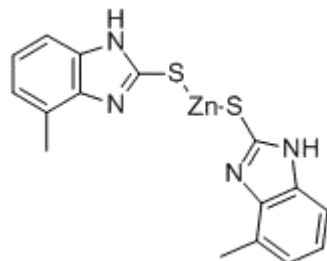
TDS NO.: HSM MMBZ(ZMTI)

Revision Date: 07/05/2020



2-Mercaptomethylbenzimidazole

Chemical Structure:



Typical Physical Properties

Product No.:	HSM MMBZ(ZMTI)
Chemical Name:	2-Mercaptomethylbenzimidazole
CAS No.:	61617-00-3
EINECS No.:	262-872-0
Molecular Formula:	C ₁₆ H ₁₄ N ₄ S ₂ Zn
Molecular Weight:	391.83
Appearance:	Gray white powder

Properties

The product is gray white powder, non-toxic, odorless but taste bitter. storage stability.

Application

This product is one of non-polluting antioxidant species. It is similar with antioxidant MBZ in performance. Used as natural rubber, styrene-butadiene rubber, nitrile butadiene rubber, butyl rubber and synthetic rubber, thermal aging effect is obvious, usually combination used with amine and phenolic antioxidant, has synergistic effect, improve the heat oxygen aging property, can be used for nitrile butadiene rubber. It inhibit the role of harmful metals accelerated aging when conjunction with accelerator M,DM. It is commonly used in transparent rubber products, light and color rubber products.

Packing and Storage

Packing: Co-extruded paper bag lined with PE plastics film bag. Net weight 20kg or 25kg per bag.

Storage: The product should be stored in the dry and cooling place with good ventilation, avoiding exposure of the packaged product to direct sunlight. Since the date of production, the storage period is 2 years.