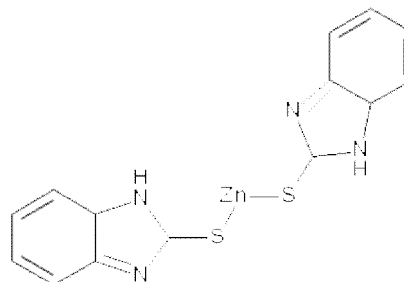


PRODUCT DATA SHEET

ANTIOXIDANT FINORNIC ZMB

Zinc Salt of  
2-Mercaptobenzimidazole



CAS No.	3030-80-6
EINECS No.	221-203-2
FORMULA	(C <sub>7</sub> H <sub>5</sub> N <sub>2</sub> S) <sub>2</sub> Zn
MOL. WT.	363.78
SYNONYMS	Zinc 2-Mercaptobenzimidazole; ZMB; ZMBI; Zinc Mercaptobenzimidazole
PHYSICAL PROPERTIES	Appearance : Off-white to cream powder Loss on Drying : Max 1.00 % Zinc Content : 17.00 – 20.00 %
APPLICATIONS	Mainly used as synergistic antioxidant for natural and synthetic rubber & latex. Is a good heat sensitizer and gel forming agent.
PACKING	Standard Packing is 25 kg net wt in Fibre Drums.
STORAGE	Store in sealed container, in a cool, dry place.
SHELF LIFE	2 Years under proper storage conditions
HANDLING	Please contact Finornic Chemicals (I) Pvt. Ltd. for Material Safety Data Sheet (MSDS).

ALSO AVAILABLE IN SLURRY / NON-DUSTY MICRO-GRANULES (OIL-COATED) FORM

Disclaimer: Every attempt has been made to ensure accuracy of the product descriptions in this catalogue. However, the products and their specifications are subject to change without notice.

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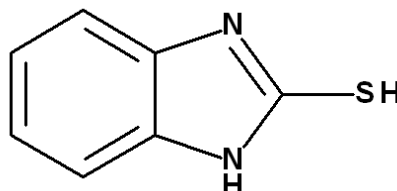
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Andheri (E), Mumbai – 400 072, INDIA

Manufactured by  
Finornic Chemicals (I) Pvt. Ltd.  
Plot No. 6234, GIDC, Ankleshwar,  
Gujarat – 393002, INDIA.

## PRODUCT DATA SHEET

## ANTIOXIDANT FINORNIC MB

2-Mercaptobenzimidazole



CAS No.	583-39-1
EINECS No.	209-502-6
FORMULA	C <sub>7</sub> H <sub>6</sub> N <sub>2</sub> S
MOL. WT.	150.22
SYNONYMS	Antioxidant Benzimidazole; Antioxidant MB; AOMB; 2-Benzimidazolethiol, O-Phenylene thiourea; o-Phenylene thiourea; 2-Benzimidazolinethione, 2-Thiobenzimidazole; 2-Mercapto Benzimidazole, 2-Merkaptobenzimidazole; 2-Mercaptobenzoimidazole
PHYSICAL PROPERTIES	Appearance : White to Off-white powder Melting Point : Min. 295 deg C Loss on Drying : Max 0.20 % Ash: Max. 0.20% Purity: Minimum 99.00%
APPLICATIONS	A non-discoloring, non-staining antioxidant for NR and SR. Antioxidant for heat resistant rubber articles which must withstand heat, oxygen & steam. Used for white colored or transparent articles, fabric proofing. Best results are observed when it is used in combination (synergistic antioxidant) with dithiocarbamate and thiouram accelerators.
PACKING	Standard Packing is 25 kg net wt in Fibre Drum.
STORAGE	Store in sealed container, in a cool, dry place.
SHELF LIFE	2 Years under proper storage conditions.

ALSO AVAILABLE IN SLURRY / NON-DUSTY MICRO-GRANULES (OIL-COATED) FORM

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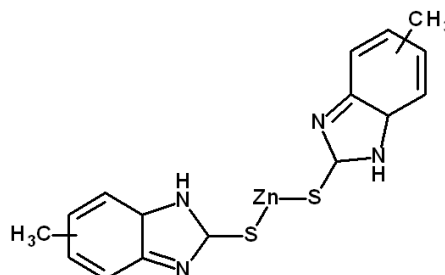
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Tel. No.: (+91-2646) 251792, 250177  
info@finornic.com | www.finornic.com

## PRODUCT DATA SHEET

**ANTIOXIDANT FINORNIC ZMMB (ZMTI)**

 Zinc Salt of  
 (4,5)-Methyl-2-  
 mercaptobenzimidazole


CAS No.	61617-00-3
EINECS No.	262-872-0
FORMULA	(C <sub>8</sub> H <sub>7</sub> N <sub>2</sub> S) <sub>2</sub> Zn
MOL. WT.	391.84
SYNONYMS	Zinc Methyl-2-Mercaptobenzimidazole; ZMMB; ZMMBI, ZMTI; ZMB 2, Zinc Mercaptotoluimidazole; Zinc Methyl Mercapto benzimidazole, Zinc 2-Mercaptotoluimidazole

PHYSICAL PROPERTIES	Appearance : White to Off-white powder Loss on Drying : Max 0.50 % Zinc Content : 15.00 – 18.00 %
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APPLICATIONS	A non-discoloring, non-staining antioxidant for NR and SR. Particularly effective in EPDM and nitrile rubber Used synergistically with other antioxidants for heat resistant thiouram-cured goods. Improves whiteness and brightness of colored latex compounds. Also increases heat & tear resistance of latex films. Can be available as water based slurry for use in latex. Protects rubbers against metal (copper & manganese) poisoning.
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PACKING	Standard Packing is 25 kg net wt in Fibre Drums.
STORAGE	Store in sealed container, in a cool, dry place.
SHELF LIFE	2 Years under proper storage conditions.

ALSO AVAILABLE IN SLURRY / NON-DUSTY MICRO-GRANULES (OIL-COATED) FORM

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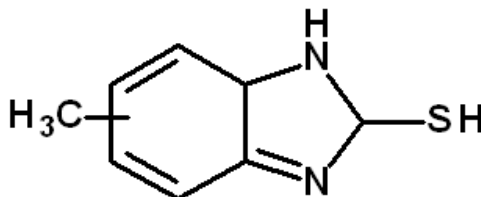
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PRODUCT DATA SHEET

ANTIOXIDANT FINORNIC MMB (MTI)

(4,5)-Methyl-2-mercaptobenzimidazole



CAS No.	53988-10-6
EINECS No.	258-904-8
FORMULA	C <sub>8</sub> H <sub>8</sub> N <sub>2</sub> S
MOL. WT.	164.23
SYNONYMS	4/5-Methyl-2-Mercaptobenzimidazole; MMBI; MTI; MB2 4/5-Mercapto toluimidazole; Methyl Benzimidazole-2-thiol 4/5-Mercaptotoluimidazole; Methylmercaptobenzimidazole 2-Mercapto-4/5-methylbenzimidazole; 2-Mercaptotoluimidazole
PHYSICAL PROPERTIES	Appearance : White to Off-white powder Melting Point : Min 270 deg C Loss on Drying : Max 0.50 % Purity: Minimum 99.00%
APPLICATIONS	Non staining and non-discoloring synergistic antioxidant for natural and synthetic rubbers offering good heat resistance and flex protection in natural and synthetic rubbers as well as latex. Easily disperses in rubber
PACKING	Standard Packing is 25 kg net wt in Fibre Drums.
STORAGE	Store in sealed container, in a cool, dry place.
SHELF LIFE	2 Years under proper storage conditions.
HANDLING	Please contact Finornic Chemicals (I) Pvt. Ltd. for Material Safety Data Sheet (MSDS).

ALSO AVAILABLE IN SLURRY / NON-DUSTY MICRO-GRANULES (OIL-COATED) FORM

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