



DATA-SHEET

SPECIFICATION & DATA SHEET		Chemical Analysis:	
Product Code:	MSHQD -AN030-00 PT	Chemical Name:	Zinc salt of 2-mercapto benzimidazole
Trade Name:	Rubber Antioxidant MBZ	CAS No.:	3030-80-6
Molecular Formula:	C ₁₄ H ₁₀ N ₄ S ₂ Zn	Molecular Weight:	363.77

Product Information:

*****Specification**

Appearance (visual inspection):	White powder	Assay Content %Min	96.0
Initial M.P. Min:	240.0	Loss on drying (%)	0.50
Zinc content %	18.0-20.0	Comparatively density (g/cm ³)	1.63-1.64
Residue on (150µm) sieve%	0.50	Moisture %	1.5

*****Typical Properties**

White powder or granule. No osmyl and a little taste bitter. Soluble in acetone, alcohol, insoluble in Benzene, gasoline and water.

*****Recommended Applications**

A non-staining secondary antioxidant for NR, CR, SBR, NBR, EPR and etc. Especially effective against heat oxidation in combination with amine. Could be uses alone or combined with anti-degradants, such as DNR or AP.

*****Handling and Storage recommendations**

The product should be stored in the dry and cooling place with good ventilation and should be avoiding hot and sunshine. 12 months with the common storing condition. Recommend use of date is within 6 months.

*****Package**

Bag: 25kg/bag	Pallet(1.1*1.1) : 600kg/P
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