

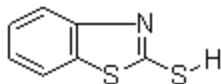
Chemical Name: 2-Mercaptobenzothiazole

Synonyms: Sulfur Accelerator M; Benzothiazole-2-thiol; 2-Benzothiazolethiol; MBT;

Molecular Formula: C₇H₅NS₂

CAS No: 149-30-4

Structure formula :



1 Grades & Specifications:

NAME OF INDEX	TOP GRADE	FIRST GRADE
Appearance	grayish-white or light yellow powder or grains	
Melting point, °C, ≥	173.0	171.0
Heating loss, % ≤	0.30	0.40
Ash content, % ≤	0.30	0.30
Residue(150µm), % ≤	0.0	0.10

2 Usage

- 2.1 Mainly used in rubber industry such as natural rubber SBR, BR, IIR, CR, EPM, EPDM, NBR.
- 2.2 It can be with promoter NS, M, DM, CBS to improve sizing material performance;
- 2.3 Mainly used in cable and tire and shoes and ship rubber and conveyor belts;
- 2.4 It is applied alone or together with dithiocarbamates and other alkaline accelerators.

3 Properties

- 3.1 It can be Possible risks of irreversible effects;
- 3.2 May cause sensitization by skin contact;
- 3.3 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 3.4 Easily soluble in ethyl acetone, acetone, not easily soluble in benzene ,insoluble in water and gasoline;

4 Packing:

- 4.1 25Kg plastic bags on Pallets;

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