



NOCIL LIMITED

PILCure® MBT
ACCELERATOR

Chemical Name	2-mercaptobenzothiazole (MBT)
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Chemical Structure	
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CAS Reg. No.	149-30-4
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Mol. Wt.	167
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Product Specification		
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<i>Parameter</i>	<i>Limits</i>	<i>Test Method</i>
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Product form	Powder (OT)	-
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Colour	Cream	-
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Assay (Titration), % (min)	96.0	D 1991
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Melting Point (Initial), °C (min)	170.0	D 1519
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Melting Point (Final), °C	176-183	D 1519
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Heat Loss, % (max)	0.40	D 4571
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Ash, % (max)	0.40	D 4574
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Paraffinic Oil (<0.2% PCAH) %	1.0-2.0	NOCIL G-40
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Residue on 150 µm sieve, % (max)	0.05	D 5461
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Residue on 63 µm sieve, % (max)	0.50	D 5461
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Typical Data		
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Specific gravity at 25°C	1.51	D 1817
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Bulk density, kg/m ³	430-470	NOCIL G-44
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Bulk density (Comp), kg/m ³	550-590	NOCIL G-44
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Product Information	
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Solubility	Soluble in acetone, chloroform and dilute alkali. Slightly soluble in alcohol. Insoluble in water and gasoline.
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Classification	Semi ultra fast accelerator.
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Discoloration & Staining	Non-discoloring and Non-staining.
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FDA Approval Status	Regulated for use in articles in contact with food under FDA 21 CFR 177.2600, 175.105, 176.300 and BgW XXI categories 1-4 & 'Sonderkategorie'.
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Toxicity Data (Please refer to the latest Toxicological information.)	Practically non-harmful. (Oral LD ₅₀ rat over 5000 mg/kg). Not a skin or eye irritant.
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Handling & Personal Protection	Ensure good ventilation and avoid creating dusty atmosphere. In case of eye or skin contacts wash out with clean water for 5 to 10 minutes.
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Storage	Store at room temperature in a cool, dry and well ventilated place. Avoid exposure of the packaged material/ product to direct sunlight & heat.
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Packaging	
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Paper-Fabric Bag	20 kg
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FIBC	500 kg
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Storage Life	24 months
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Colour code	Blue colored strip
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