

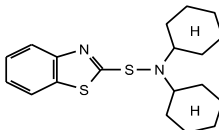


NOCIL LIMITED

PILCure® DCBS
 ACCELERATOR

Chemical Name N, N'-Dicyclohexyl-2-benzothiazolesulfenamide (DCBS)

Chemical Structure



CAS Reg. No.

4979-32-2

Mol. Wt.

346

Product Specification

<i>Parameter</i>	<i>Limits</i>	<i>Test Method</i>
Product form	Pellets	-
Colour	Cream to light tan	-
Assay (titration), % (min)	95.0	D 4936
Melting Point, initial, °C (min)	96.0	D 1519
Melting point, final, °C	100 - 105	D 1519
Heat Loss, % (max)	0.4	D 4571
Ash, % (max)	0.3	D 4574
Paraffinic Oil (< 0.2 % PCAH) %	0.5 -1.5	NOCIL O2-3-343
Cyclohexane Insolubles, % (max)	0.5	D 4934
Free Amine, % (max)	0.4	D 4936

Typical Data

Specific gravity at 25°C	1.27	D 1817
Bulk density, kg/m ³	550-590	NOCIL G-44
Bulk density (Comp), kg/m ³	575-625	NOCIL G-44

Product Information

Solubility	Soluble in acetone, benzene & carbon tetrachloride. Insoluble in water.
Classification	Fast - Delayed action accelerator.
Discoloration & Staining	Non staining. At higher dosages slight discoloration.
FDA Approval Status	Regulated for use in articles in contact with food under BgW XXI, Category 4. Not regulated for use in FDA food contact applications.
Toxicity Data (Please refer to the latest Toxicological information.)	Practically non-harmful. (Oral LD ₅₀ rat over 2000 mg/kg). Not a skin or eye irritant. Investigations so far carried out show that DCBS does not generate harmful nitrosamines having carcinogenic potential.
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.
Storage	Always store in a cool (below 30°C) & dry place in single stack pallets away from direct sun light or any other heat source to avoid compaction. Avoid exposure to acids, acidic materials / atmosphere & high humidity.

Packaging

Paper-Fabric Bag	20 / 25 kg
FIBC	500 kg
Storage Life	12 months when stored as stated above.
Colour code	Purple colored strip.