



DATA-SHEET

SPECIFICATION & DATA SHEET		Chemical Analysis:	
Product Code:	MSHQD-AC005-00 OT	Chemical Name:	N-Cyclohexyl-2-benzothiazolesulfenamide
Trade Name:	Rubber Accelerator CBS (CZ)	CAS No.:	95-33-0
Molecular Formula	C ₁₃ H ₁₆ N ₂ S ₂	Molecular Weight:	264.4
Revision number	02	Date	01/12/2009

Product Information:

*****Specification**

Appearance (visual inspection):	Light yellow powder	Initial M.P.	96.0
Ash content %	0.30	Loss on drying %	0.40
Residues(150µm) %	0.10	Oil Content%	1.0-2.0
Insoluble in methanol %	0.50		

*****Typical Properties**

Grayish-white powder with little odor, no poison. The density is 1.31-1.34. The melting point is more than 96 .Soluble inToluene, Chloroform, benzene, CS₂, CH₂Cl₂, acetone, ethyl acetate, insoluble in water, gasoline, acid/Alkali with lower concentration.

*****Recommended Applications**

In industrial rubber products. CBS can be used with secondary accelerators, like as the TMTD to replace MBTS/DPG systems.
 CBS can also be used in EPDM and NBR compounding as the primary accelerator, giving good scorch delay and fast cure rates.
 CBS can be (in combination with CTP) used as an alternative for NOBS. it can avoid the problem caused by N-nitrosamines. And it also has the equal function on scorch safety and faster cure rate as NOBS

*****Handling and Storage recommendations**

Store CBS in a cool, dry, well-ventilated area, avoiding exposure of the packaged product to direct sunlight. Double stacking of palletized material can result in unusually compacted product or broken granule. Do not store this product near insoluble sulfur as the amine vapors characteristically emitted from this material can cause insoluble sulfur to revert to rubber marker's sulfur.
 Usually the shelf time is 12 months while the recommend use of date is 6 months.

*****Package**

Bags: 25kg	Pallet(1.1*1.1) : 600kg/P
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