Meyors Chemical INC Limited

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DATA-SHEET

SPECIFICATION & DATA SHEET		**Chemical Analysis:**	
Product Code:	MSHQD-AC006-00 GT	Chemical Name:	N-tert-butyl-2-benzothiazolyl sulfonamide
Trade Name:	Rubber Accelerator TBBS (NS)	CAS No.:	95-31-8
Molecular Formula	$C_{11}H_{14}N_2S_2$	Molecular Weight:	238.37
Revision number	02	Date	01/12/2009

Product Information:

******Specification***

Appearance (visual inspection):	white granule	Assay content %≥	95
Initial M.P.℃≥	105	Loss on drying %≤:	0.40
Ash content %≤:	0.40	Free amines content%≤	0.50
Strength of grain(N)	0.8-2.5	Insoluble in Methanol %≤	0.50

******Typical Properties***

White granule.The density is 1.26-1.32.it is soluble in Chloroform, Benzene, and Alcohol.and insoluble in water, gasoline, and acid/alkali with lower concentration.

******Recommended Applications***

In natural and synthetic rubber tire compounds; TBBS is normally used alone or with small quantities of secondary accelerators in combination with sulfur.
TBBS is also used in industrial rubber products with higher levels of secondary accelerators, like as the TMTD to obtain faster vulcanization cycles and improved aging resistance TBBS may also be used in EPDM and NBR compounding as the primary accelerator, giving good scorch delay and fast cure rates. In comparison to CBS it displays a slightly longer scorch delay and is slightly more active. In NR, SBR, BR and blends, TBBS, when used at a 10% lower level, will give equal modulus to CBS and NOBS.

******Handling and Storage recommendations***

Store TBBS in single stacked pallets 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 granules. Usually the shelf time is 12 months while the recommend use of date is 6 months.

******Package***

Bag：25kg/bag	Pallet(1.1*1.1)：600kg/P