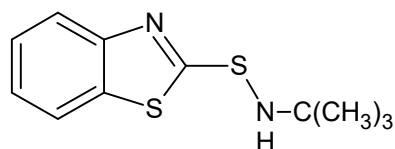


**Nurcacit TBBS**  
**Sulfenamide Accelerator****Technical Data Sheet**

CHEMICAL NAME: N-tert-Butyl-2-benzothiazolesulfenamide

CAS NO.: 95-31-8

STRUCTURE:



Provides fast cure and high modulus development in NR SBR BR and blends. Normally used alone or with small quantities of ultra accelerators in tire compounds or industrial rubber products. Can be used to effectively replace Nurcacit MBTS/DPG systems Nurcacit TBBS may give equal modulus to Nurcacit CBS or Nurcacit MBS when used as a 10% lower level.

Product Form		Pdr	Pdr-o	Grs
<b><u>PRODUCT SPECIFICATIONS</u></b>				
Appearance:		Light yellow or grayish white powder	Light yellow or grayish white powder	Light yellow or grayish white powder
Assay	(%) min.	97.0	96.0	95.0
Melting Point Initial	(°C) min.	104.0	104.0	104.0
Heating Loss	(%) max.	0.3	0.3	0.3
Ash	(%) max.	0.3	0.3	0.3
Insoluble in Methanol	(%) max.	0.5	0.5	0.5
Oil Content	(%)	--	1.0-2.0	--
Strength	(N)	--	--	0.8-3.0
<b><u>TYPICAL PROPERTIES</u></b>				
Density at 20°C	Kg/m3	1260-1320		
<b><u>PACKAGING:</u></b>				
Bag:		25kg or other kind of package clients need		

Shelf Life: 6 months