

# Sovchem<sup>®</sup> DBTU Crystal

Manufacturer: Sovereign Chemical Company  
 Classification: Thiourea Accelerator and Corrosion Inhibitor  
 CA Nomenclature: Thiourea, N,N'-dibutyl  
 Chemical Synonyms: 1,3-dibutylthiourea or N,N'-dibutylthiourea

Specification Properties	Value	Test Method
Ash Content, %	0.3 maximum	GB11409.7-89
Heat Loss, %	0.3 maximum	GB11409.4
Melting Point (Initial), °C	60 minimum	GB11409.1
Sieve Residue, % on 840 μ	0.1 maximum	GB11409.5-89
Typical Properties	Value	Test Method
Physical Form	White crystalline powder	Visual

## > APPLICATIONS

**Uses:** Ultra accelerator for CR and a secondary accelerator for natural rubber, EPDM and SBR. Also used as a corrosion inhibitor in non-rubber applications.

**Polymers:** CR, NR, EPDM and SBR.

**Cure Effect:** Ultra-fast accelerator. Slightly slower cure rate and better scorch safety than DETU.

## > PACKAGING AND STORAGE

**Packaging:** 25 kg (55.1 lb.) bags.

**Shelf Life:** 2 years from date of manufacture if stored as indicated below.

**Storage:** Store in unopened original packages in a cool dry place.

**Specification Date:** October 27, 2010