

## PRODUCT DATA SHEET

### **Accicure DCS** : Delayed action Sulphenamide Accelerator

Composition : N,N - Dicyclohexyl benzothiazole - 2 - sulphenamide

#### Physical Properties

Appearance : Light cream to pale brown microcrystalline granules  
Sp Gr at 25°C : 1.20 ( Typical value, not routinely checked for each lot,  
and are given for information purposes : Parameter B)

#### Typical Analysis

Parameter A		Limits	Test method
(Based on which certificate of analysis is issued)			<b>ASTM</b>
Melting Point	(°C)	100 min	D 1519
Loss at 60°C for 2 hours	(%)	0.5 max	D 4571
Ash Content	(%)	0.5 max	D 4574
Cyclohexane Insolubles	(%)	0.5 max	D 4934
Assay	(%)	97 min	D 4936

#### Solubility

Insoluble in water. Soluble in petroleum ether and alcohol.

#### Notes on Uses

Accicure DCS provides the best scorch resistance properties among the sulphenamide accelerators. Thus stocks containing Accicure DCS with reinforcing carbon blacks can be stored for a long time without deterioration in scorch safety or vulcanisate properties. Because of these outstanding properties, Accicure DCS is highly suitable and widely used in camelback (retread) compounds. It is also suitable for radial tyre compounds. Typical dosage varies from 0.5 – 1.2 phr depending upon compounds used.

#### Storage and Handling

Store in a cool dry place. Storage life : 6 months.

No special handling precautions are necessary. Normal precautions to avoid contact with skin and eyes should be followed. For eyes, flush with plenty of water and seek medical advice.

#### Packaging

25 Kg. in HDPE lined Paper Bags.

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