

## PRODUCT DATA SHEET

### **Accitard RE** : Retarder

Composition : N-cyclohexyl thio phthalimide (CTP)

#### Physical Properties

Appearance : White to light tan powder  
Sp Gr at 25°C : 1.3 (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 (Initial)	(°C)	88 (min)	D 1519
Loss on drying, 2 hrs /60°C	(%)	0.4 (max)	D 4571
Ash Content	(%)	0.3 (max)	D 4574
Toluene Insolubles	(%)	0.4 (max)	D 4934
Purity by HPLC	(%)	96 (min)	Vendor Method

#### Solubility

Insoluble in water, soluble in toluene.

#### Notes on Uses

Accitard RE is a novel scorch inhibitor for rubber stocks containing reinforcing furnace blacks and thereby helps in extrusion and calendaring operations at higher processing temperatures. It is effective with both thiazole and sulphenamide accelerators. Dosage of Accitard RE in rubber compounds would vary from 0.1 to 0.3 phr depending on the degree of scorch safety required.

#### Storage and Handling

Stable for a period of one year in closed containers kept at ambient temperatures.  
No special handling precautions are necessary. Normal precautions to avoid contact with skin and eyes should be followed. Skin contamination: Wash liberally with soap and water. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

#### Packaging

25 Kg. in HDPE lined Paper Bags / Cardboard Cartons.

Issue No : 10

DATE OF ISSUE : 04.01.2010

Authorised by : **M.K.Chatterje**  
Customer Services Manager