

## PRODUCT DATA SHEET

### **Accicure ZDC : Ultra Dithiocarbamate Accelerator**

Composition : Zinc diethyl dithiocarbamate

#### **Physical Properties**

Appearance : White powder  
Sp Gr at 25°C : 1.47 (Typical)

#### **Typical Analysis**

Parameter	Limits		Test method
Melting Point	(°C)	178 min	ASTM D 1519
Loss at 100°C for 2 hours	(%)	0.5 max	D 4571
Chloroform Insoluble	(%)	2.0 max	D 4934
Fineness(100 mesh) retained	(%)	0.1 max	D 4572

#### **Solubility**

Insoluble in water and petroleum ether and alcohol. Soluble in chloroform.

#### **Notes on Uses**

Accicure ZDC is fast curing at low temperatures, has limited scorch safety and gives vulcanisates with good levels of mechanical properties. It is too scorchy for extensive use as a sole accelerator in a "dry" rubber compound. It is flat curing, imparts good ageing properties, is non staining and is extremely useful as a booster of Accicure MBT, MBTS and HBS giving fast curing yet reasonably safe combinations. Accicure ZDC is extremely popular for a wide range of latex applications. Typical dosage : 0.2 – 1.5 phr, higher dosages are normally used in latex compounds.

#### **Storage and Handling**

Stable indefinitely under normal storage conditions.

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**

20 Kg. in HDPE lined Paper Bags.

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