

## Sovchem<sup>®</sup> ZDBC Oiled Powder

Manufacturer: Sovereign Chemical Company  
 Classification: Dithiocarbamate Accelerator  
 CA Nomenclature: Zinc Dibutyldithiocarbamate  
 Chemical Synonyms: Zinc, bis (dibutylcarbamo-dithioato-S-S')

| Specification Properties    | Value        | Test Method  |
|-----------------------------|--------------|--------------|
| Additive, %                 | 1-2          | In Process   |
| Heat Loss, %                | 0.4 maximum  | GB11409.4    |
| Melting Point (Initial), °C | 104 minimum  | GB11409.1    |
| Sieve Retention on 150µ, %  | 0.1 maximum  | GB11409.5-89 |
| Sieve Retention on 63µ, %   | 0.5 maximum  | GB11409.5-89 |
| Soluble Zinc Content, %     | 0.01 maximum | Supplier     |
| Zinc Content, %             | 13.5-15.0    | SCC-119      |
| Typical Properties          | Value        | Test Method  |
| Physical Form               | White powder | Visual       |

### > APPLICATIONS

**Uses:** Used for primary or secondary ultra-accelerator in NR, IR, BR, SBR, NBR, HR, EPDM, and their latexes. Similar in property to PZ and EZ. Less accelerating effects than PZ and EZ to dry rubber. Effectively used in both natural and synthetic latexes for faster curing at normal (low) temperature than PZ and EX, and less scorching and blooming.

### > PACKAGING AND STORAGE

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

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

**Storage:** Product should be stored in cool, dry place with good ventilation, avoiding exposure of the packaged product to direct sunlight.

**Specification Date:** June 6, 2011(Supersedes June 1, 2011)