



Octocure ZDIB-50

Latex Accelerator

CHEMICAL NAME

Zinc diisobutyldithiocarbamate (CAS# 36190-62-2)

PHYSICAL FORM:

Aqueous, liquid dispersion

PRODUCT SPECIFICATIONS

METHODS

Solids, %	51.0 - 53.0	WI-SCC-040
Viscosity, cps.	800 - 1200	WI-VDC-070
Particle Size, microns	0 - 3.0	WI-PSC-300
pH	8.0 - 10.0	WI-PHC-010

PRODUCT DESCRIPTION:

Octocure ZDIB-50 is a 50% active, ready to use form of ultra-accelerator for latex compounding. Typical use level is from 1 - 3.0 parts per hundred as a primary accelerator and .25 - 1.5 parts per hundred as a secondary accelerator in SBR and Natural latex compounds for fast cure and high modulus. As a secondary accelerator, ZDIB works well with thiurams, thiazoles, and guanidines. The product may be used at low levels to increase cure rates of slower curing systems. ZDIB is an effective free-radical emulsion polymerization shortstop in styrene-butadiene rubber (SBR) and acrylonitrile butadiene rubber (NBR) elastomer production. It is suggested that lab testing information be used for acceptable performance levels.

STORAGE AND HANDLING:

Containers should be kept tightly closed; avoid direct sources of heat or sunlight when possible. Once a drum has been opened, it is important not to introduce bacteria into the drum. Make sure the part drum is used quickly and that all stock is rotated on a first-in, first-out basis. Protect from freezing. Store at 40 - 90 deg F. Contents should be stirred using mechanical agitation prior to use. Shelf life expected one year from date of manufacture provided the material is stored at proper temperatures and containers remain tightly closed.

04/14;07/11;09/95

The information provided herein is believed to be reliable; however, no guarantees are made or liability assumed. Tiarco Chemical makes no claims or warranties concerning the suitability of the product for a particular use or purpose.

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