

## DATA-SHEET

SPECIFICATION & DATA SHEET		Chemical Analysis:	
Product Code:	MSHQD-AC016-00 PT	Chemical Name:	Zinc diethyl dithiocarbamate
Trade Name:	Rubber AcceleratorZDEC (EZ)	CAS No.:	14324-55-1
Molecular Formula	C <sub>10</sub> H <sub>20</sub> N <sub>2</sub> S <sub>4</sub> Zn	Molecular Weight:	361.9
Revision number	02	Date	01/12/2009

### Product Information:

#### \*\*\*Specification

Appearance (visual inspection):	white powder	Initial M.P. °C Min:	172
Zinc content %	17.5-19.5	Loss on drying %≤:	0.50
Residues(150µm) %≤:	0.10	Compacted bulk density (kg/m <sup>3</sup> ):	395-435
Residues(63µm)%≤:	0.50	Soluble Zinc content%	0.01
Density at 20°C (g/cm <sup>3</sup> )	1.480		

#### \*\*\*Typical Properties

White powder. The specific density is 1.41. Soluble in 1% NaOH solution, CS<sub>2</sub>, benzene, chloroform, slightly soluble in alcohol, insoluble in gasoline.

#### \*\*\*Recommended Applications

ZDEC is a very fast primary or secondary accelerator for natural and synthetic rubber. It is also a very rapid accelerator for NR and SBR latices. It is a secondary ultra Accelerator for general purpose polymers (NR, SBR, IIR and EPDM), it can be used as primary accelerator in some Continuous cure applications as well as in latex.

#### \*\*\*Handling and Storage recommendations

The product should be stored in the dry and cooling place with good ventilation and should be avoiding hot and sunshine.

Usually the shelf time is 12 months while the recommend use of date is 6 months.

#### \*\*\*Package

Bag: 25kg/bag	Pallet(1.1*1.1): 600kg/P
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