



## TECHNICAL INFORMATION

**ZINC STEARATE**  
**CHEMICAL COMPOSITION : Zn (C17H35COO)2**

### SPECIFICATIONS :

<b>APPEARANCE</b>	<b>WHITE FINE POWDER</b>
<b>MELTING POINT</b>	<b>118 - 124 °C</b>
<b>MOISTURE CONTENT</b>	<b>1.0 % MAX.</b>
<b>ASH CONTENT</b>	<b>11 - 15 % MAX.</b>
<b>METAL CONTENT</b>	<b>10.0 - 11.5 %</b>
<b>FREE FATTY ACID CONTENT</b>	<b>1.0 % MAX.</b>
<b>BULK DENSITY</b>	<b>0.2 - 0.30 KG. / LIT.</b>

### PROPERTIES / APPLICATIONS :-

Zinc Stearate improves the early colour when used in PVC and additionally gives good lubricating action. When incorporated in PVC, Zinc Stearate is not used alone but principally combined with Barium - Cadmium or Calcium stabilisers. Care should be taken not to use too high a dosage of Zinc Stearate, although the early colour improves, the heat stability may decrease. The addition of an epoxy plasticiser will also assist in improving the heat stability.

Zinc Stearate also find uses in :-

1. Polystyrene and A.B.S. as lubricant and / or dispersant.
2. The paint industry as a matting agent / grinding agent.
3. The rubber industry as an anti blocking agent.

### DOSAGE :-

The recommended levels of Zinc Stearate are between 0.1 and 0.5 phr depending on the application.

### PACKING :-

15 KG NET IN PP WOVEN BAGS.

### STORAGE :-

UNDER DRY CONDITIONS AND AT ROOM TEMPERATURE.

Cat . ref. :- MS / 003 / 13

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