



# HANS CHEMICALS PRIVATE LIMITED

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## TECHNICAL DATA SHEET

### ZINC STEARATE

Zinc Stearate is a zinc soap known for repelling water, and is used in the cosmetics and personal care industries as a lubricant. Also functions as a coloring agent, slip agent, and thickening agent. It is an insoluble salt made of commercial stearic acid, a mild fatty acid used as an emollient and lubricant, and is often combined with zinc oxide. Zinc Stearate is used to impart gloss in some industrial uses, and may exhibit this property in cosmetics and personal care products. Zinc stearate is sometimes referred to as octadecanoic acid or zinc salt.

#### **Specification:**

CAS No.557-05-1

Appearance : Fine White Powder

Melting Point : 120-124° C

Ash Content % : 13.5.-15.5%

Zno Equivalent : 13-14%

Moisture @ 105° C : 0.00 to 0.01%

Fineness : 325 mesh

#### **Application :**

Zinc stearate functions as an anticaking agent, colorant, slip modifier, viscosity increasing agent. It is nonaqueous.

#### **Uses:**

Zinc stearate can perform the following functions in formulations; lubricant, acid scavenger, coupling agent, waterproofing agent, viscosity modifier and flattening agent. Zinc stearates are used in the production of color concentrates, fiberglass reinforced polyesters, phenolic resins and compounds, polyolefins, polystyrene, PVC, coatings, varnishes, sanding sealers, rubber articles and compositions and in metal forming operations such as, stamping, extrusion or milling.