



Cloud Chemicals

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TECHNICAL DATA SHEET

ZINC STEARATE Z1

ZINC STEARATE Z1 GARDE CLEAR MELT	
PARAMETERS	SPECIFICATIONS
Metal(%)	10-11.2
Metal oxide (Ash) (%)	12.5-14.0
Loss on drying (%)	0.5 max
Free fatty acids (%)	1.0 max
Bulk density (g/l)	25-35
Melting point (°C)	120-128
Particle size	Min 99% through 240 mesh screen
Physical form	White fine powder

Zinc stearate Z1 grade is made via the modified fusion process using high quality stearic acid and exhibits the following properties:

- Excellent lubricity
- Excellent water repellent
- Clear melt and weathering stabilizer
- Non toxicity
- Non sulfide staining

SOLUBILITY:

Zinc stearate Z1 is insoluble in water and alcohol, ether but soluble in benzene, acids or common solvents when hot.

SUGGESTED APPLICATIONS:

- Plastics: As external lubricant & stabilizer for PP, PE, ABS and Co- Stabilizer for rubber. As mould release agent also used as dusting agent.
- Paints, Pigments: As dispersing agent, also used as flattening agent and varnishes sanding agent in lacquers.
- Building material: As water proofing agent, textiles and paper.

PACKING:

In 25 Kgs HDPE Bag with lining

STORAGE:

Zinc stearate Z1 has long storage life if kept cool and dry.
Indoor storage is recommended, store in cool, dry and ventilated place.
Keep away from heat and sources of ignition. Do not breathe dust. Avoid contact with eyes.

SAFETY & ENVIRONMENTAL INFORMATION:

Avoid contact with skin, eyes, clothing: may cause irritation. Wear protective safety glasses. Use personal protective equipment. Ensure adequate ventilation. Avoid dust formation. Remove all sources of Ignition. Do not breathe vapours/ dust. Do not allow material to contaminate ground water system. Do not let product enter drains.