

## PRODUCT DATA SHEET:

### Stearates - High Purity Grade



Life Sciences

#### Stearates - Zinc Stearate - Vegetable

**Zinc - 921-G:** Pharmaceutical grade zinc stearates are used as binders, lubricants and mold release agents for tablets. They are also used in cosmetics as anti-caking agents, dusting additives, emulsifying agents, lubricants, mold release agents and water repellents.

TYPICAL PHYSICAL PROPERTIES	
Melting Point (°C)	118 - 122
Bulk Density (g/ml)	0.30
PSD D10% (micron)	2.0 - 2.6
PSD D50% (micron)	8.9 - 15.5
PSD D90% (micron)	28.4 - 36.5

**BSI Code:** 921-G

**C.A.S. Number:** 557-05-1

**Monographs:** USP / NF / EP / JP

**Certifications:** Kosher

TYPICAL CHEMICAL PROPERTIES	
Grade	Vegetable
Oxide (%)	12.5 - 14.0
Free Fatty Acid (max %)	1.0
Moisture (max %)	1.0
Soluble Salts (%)	0.1
Lead - Pb (max ppm)	10
Arsenic - AS (max ppm)	1.5
Cadmium - Cd (max ppm)	5

**Storage:** Store in cool location, keep away from heat and direct sunlight. Keep container sealed.

**Handling Precautions:** Please refer to the Zinc Stearate Safety Data Sheet.

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