



Struktol Company of America

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TECHNICAL DATA

STRUKTOL[®] Zinc Stearate CM

USP GRADE CLEAR MELT ZINC STEARATE

COMPOSITION

STRUKTOL[®] Zinc Stearate CM, a clear melt zinc stearate, is manufactured from high quality stearic acid in a tightly controlled production operation that guarantees product uniformity.

PROPERTIES	TYPICAL VALUES
Appearance	white powder
Ash Content (% , max.)	15.5
Bulk Density (gm/l)	670
Dropping Point (°C)	117 - 127
Free Fatty Acid (% , max.)	1.0
Moisture (% , max.)	1.0
Physiological Behavior	refer to safety data sheet
Storage Stability	at least 2 years under normal storage conditions
Packaging	55# bag

RECOMMENDATIONS FOR APPLICATION

STRUKTOL[®] Zinc Stearate CM is one of the most widely used additives in the plastics field. It also serves as a lubricant or emulsifier in the toiletries and cosmetics areas, and can be used for mold release.

STRUKTOL[®] Zinc Stearate CM meets the test requirements for USP certification and provides clarity required in polystyrene resins.

DOSAGE

0.5% in most plastic applications.

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FDA STATUS

STRUKTOL[®] ZINC STEARATE CM is sanctioned for use by the Food and Drug Administration (FDA) in a number of applications, listed in the following sections of Title 21 of the Code of Federal Regulations:

175.105	Adhesives	177.1900	Urea-formaldehyde resins in molded articles
175.300	Resinous and polymeric coatings	177.2410	Phenolic resins in molded articles
176.170	Components of paper and paperboard in contact with aqueous and fatty foods	177.2600	Rubber articles intended for repeated use
176.180	Components of paper and paperboard in contact with dry food	178.2010	Antioxidants and/or stabilizers for polymers
176.200	Defoaming agents used in coatings	178.3910	Surface lubricants used in the manufacture of metallic articles
177.1460	Melamine-formaldehyde resins in molded articles	182.8994	Zinc stearate