

LIS-290	Technical Datasheet
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Chemical Name	LITHIUM STEARATE	
Grade Name	LIS-290	
CAS No.	4485-12-5	
HS Code	29157090	
EINECS No.	224-772-5	
Molecular Formula	C18H35LiO2	
Synonyms	<ul style="list-style-type: none"> Octadecanoic acid,lithium salt 	
TEST	SPECIFICATION	METHOD
Appearance	White Powder	Visual
Melting Range (Degrees C)	195 -210 Deg C	Melting Point Apparatus (Open Capillary Tube Method)
% Sulphated Ash	18 -24 %	Thermogravimetry
Free / Excess fatty acid %	<= 1 %	Titration
Bulk Density - Tapped @25°C (gm/ cm3)	0.15 - 0.30 g/cc	Graduated Cylinder

Product Information:

- Lithium Stearates is used in silicone-based grease.
- Lithium Stearates is used in production of Thermoplastic Polymer resins.
- Lithium Stearates is used as lubricant during plastic blending and extrusion.

Product Handling & safety:

Please refer to our product MSDS for specific instructions on handling this product.

Product Registration:Lithium stearate is approved for use in manufacture of metallic articles as per the following chapter headings.

Title: 21-FOOD AND DRUGS

Chapter: I - Food And Drug Administration Department Of Health And Human Services.

Subchapter: B - FOOD FOR HUMAN CONSUMPTION

Part: 175-INDIRECT FOOD ADDITIVES: ADHESIVES AND COMPONENTS OF COATINGS

Subpart: B - Substances for Use Only as Components of Adhesives

Section: 175.105 - Adhesives.175.380 - Xylene-formaldehyde resins condensed with 4,4'-isopropylidenediphenol-

Product Disclaimer

Important : This statement supersedes any Buyers documents. Seller makes no representation, Warranty, Express or Implied, Including of Merchantability of Fitness for a particular use, or purpose.

No statement herein is to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence breach of warranty, strict liability, and tort or contact rising in connection with product(s). Buyers sole remedy and Sellers sole Liability for any claims shall be buyers purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its indented conditions of use.

This product is not been tested for, and is therefore not recommended for, use for which prolonged contact with mucous membranes, abraded skin, or blood is intended, or for use for which implantation within human body is intended.