


General Information

Chemical Formula	$Pb(C_{18}H_{35}O_2)_2$	
Synonym	Stearic acid, lead salt; Octadecanoic acid, lead salt; Lead(II) n-octadecanoate; Lead (II) stearate;	
Origin	China	
H.S. Code	2915.70	
CAS No.	1072-35-1	
Molecular Weight	774.152 g mol ⁻¹	

Application

Paints and Varnishes Industry	Lead Stearate is used as a drier in paints and varnishes which are oil based. They help to speed up the polymerization and oxidation processes and hence find great use in the manufacture of these products.
Plastic Industry	In the plastics industry, lead stearate is used as a lubricant and heat stabilizer. For plasticized PVC compounds such as those used in the manufacture of cable covers, lead stearate is popularly used due to its ability to confer heat stabilizer properties to the produced plastics. Vinyl polymers also make use of lead stearate for heat stabilization.
Other applications	Additionally, lead stearate is used as a corrosion inhibitor in products derived from petroleum.

Specification

Property	Units	Value
Appearance		White powder
Lead content	%	28.0 ± 2.0
Odor		Lilac
Melting point	°C	103 - 108
Particle size		99.0% (200 mesh)
Solubility		Stable under ordinary conditions
Density	g/cm ³	1.4

Packaging

- 25kgs in bag