



نادرشیم  
NADERSHIMI



Product  
Catalogue

nadershimi

**Established** in 2000, Nader Shimi Company started its journey as a chemical manufacturing company in Shokohiye industrial zone, Qom. In order to increase its chemical production variety, another complex was added to manufacture different types of Stearates, Sulfates and Nitrates. The company has made a great impact on both domestic and International market and is constantly improving its capacity to supply the international market with high quality chemical products.

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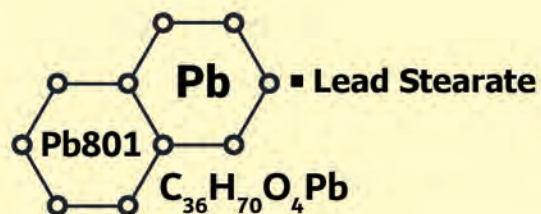
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025-33342003-33342434







Extrusion, PVC, Grease and Paint	Related Industries
A PVC heat stabilizer	
lubricant during extrusion, lubricant for plasticized PVC compounds	Applications
Used in Lacquer dryer and Polished oil	

Properties	Value
Appearance	Powder
Color	White
Loss on drying	1.057
Ash	33.37
Nickel	<5
Solubility Description	Insoluble in water
Titer fatty acid	60
Melting point	175
Free Fatty Acid	0.5
Density (gr/cm <sup>3</sup> )	1.2
PH (10%)	8.1
Particle Size (<90μm)	95%
TFM	62.5
CL-	0.08

Analyze Table

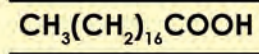


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More information about the product



**Stearic Acid**



Stearic Acid is one of the most useful saturated acids that has many applications in different industries such as cosmetics and personal care products, Detergents and soap making, production of candles, Rubber and plastics, Edible pastilles, Agricultural, Livestock feeding, Fire retardant powders, Production of different metal Stearate and stabilizers, Coated carbonate, Medicine, Molding, Production of pipes and PVC Sheets and etc.

**Applications**

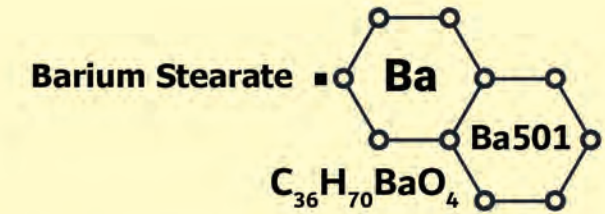
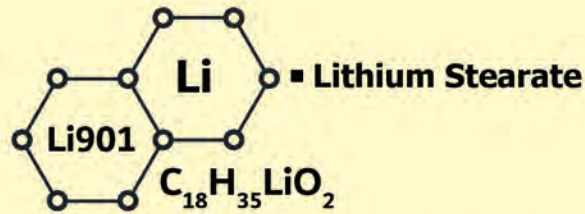
Tests	Standard	Test Method
Iodine Value	0.5-1 gl <sub>2</sub> /100g	ASTM D 1959/ISIRI 4888
Titter (Solidification Temperature)	56-60°C	ASTM D 1982
Acid Value	204-211 mgKOH/g	ASTM D 1980/ISIRI 4178
Saponification Value	205 - 212 mgKOH/g	ASTM D 1962/ISIRI 10501
Ash Content (at 550°C)	Max 0.1%	ASTM D 1951/KW 140-289
Per Oxide Value	Max 3 mgO <sub>2</sub> /1000g	ISIRI 4179
As, Ni, Pb	Max 1 ppm	ISIRI 4088, 4089, 6076
Microbial Count	Max 500 cfu/g	ISIRI 11804
Mold	Max 10	ISIRI 11169
Color	Max 0.5 Red/Max 2 Yellow	ISIRI 5110
C12+ Ch14	1-2	ISIRI 4091
C16	30-45	ISIRI 4091
C18	55-65	ISIRI 4091
C18'	0.5-1	ISIRI 4091



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More information about the product





Cosmetics and health care products, Oxidation inhibitor in Oil	Related Industries
Waxes and greases in high temperature, Lubricants in Powder metallurgy	
Variety of use in Automobile manufacturing, Heavy vehicles and Airplane	Applications
Stabilizer in plastic industry	
A great sealant	

Barium stearate is heat stabilizer and lubricant for transparent PVC Compound.	Related Industries
As a flattening and sanding agents in lacquers	
Coatings and inks	Applications
drying lubricant for rubbers	
If used in dry, as a salt fire extinguisher to prevent caking	

Properties	Value
Appearance	Powder
Color	White
Loss on drying	<1.2
Ash	17.14
Heavy metal (as pb)	<20
Cadmium	<3
Lead	<10
Nickel	<5
Solubility Description	Insoluble
Titer Fatty Acid	52
Melting Point	220
Free Fatty Acid	N.D
Density (gr/cm <sup>3</sup> )	1.025
PH (10%)	8.74
Particle Size (<90μm)	96%
TFM	84.6
CL <sup>-</sup>	0.03

Analyze Table



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More information about the product

Analyze Table

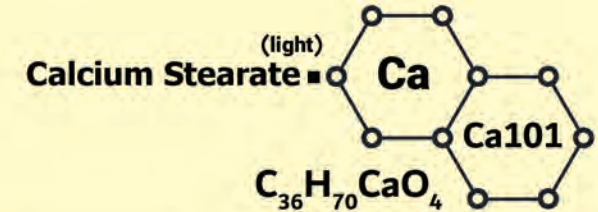
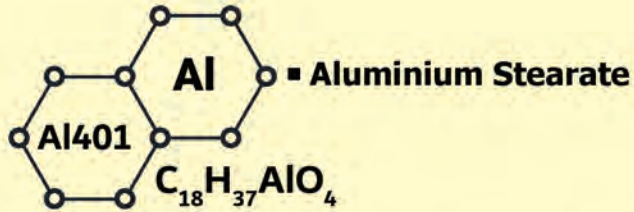


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More information about the product

Properties	Value
Appearance	Powder
Color	White
Loss on drying	<0.5
Ash	29.056
Heavy metal (as pb)	<20
Cadmium	<3
Lead	<10
Nickel	<5
Solubility Description	Insoluble
Titer Fatty Acid	51
Melting Point	N/A
Free Fatty Acid	N.D
Density(gr/cm <sup>3</sup> )	1.45
PH (10%)	7.34
Particle Size (<90μm)	90%
TFM	70.9
CL <sup>-</sup>	0.1%





Gloss Varnish, Grease and Lubricator, Paint industry	Related industries
Making of concrete , Crayon and pencils	
Base material for grease manufacturing	
Defoamer , Matting agent in paints and varnishes	
Fire retardants , Metal workings, Polymer plastics	
<b>Applications</b>	

Plastics Polymer, Rubber, Polymer compounds, PVC granule.	Related industries
Liquidity factor of powder materials, Waterproof agent for fabrics, A lubricant in pencils and crayons	
In Concrete industry as efflorescence control of cementitious products	
As a release agent and effective lubricant in the process of rubber and plastic production	
Reducing extruder pressure , As a component in some types of dofoamers , Anticaking agent	
<b>Applications</b>	

Properties	Value
Appearance	Powder
Color	White
Loss on drying	1.2
Ash	14.957
Heavy metal (as pb)	<20
Cadmium	<3
Lead	<10
Nickel	<5
Solubility Description	Insoluble
Titer Fatty Acid	60
Melting Point	120
Free Fatty Acid	0.4
Density(gr/cm <sup>3</sup> )	0.96
PH (10%)	6-7
Particle Size (<90µm)	90
TFM	64.54
CL <sup>-</sup>	0.06

Analyze Table



More information about the product

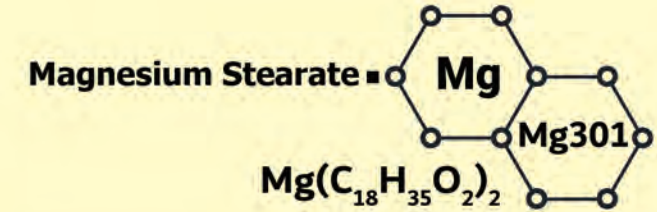
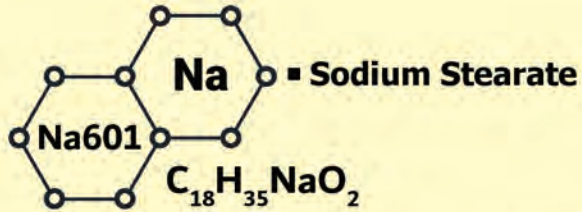
Properties	Value
Appearance	Powder
Color	White
Loss on drying	<1
Ash	10-14
Heavy metal (as pb)	<20
Cadmium	<3
Lead	<10
Nickel	<5
Solubility Description	Insoluble
Titer Fatty Acid	60
Melting Point	155
Free Fatty Acid	0.2
Density(gr/cm <sup>3</sup> )	1.15
PH (10%)	7-9
Particle Size (<90µm)	95
TFM	62.37
CL <sup>-</sup>	0.09

Analyze Table



More information about the product





Degreasing and rusting, Curing agent for rubber, Food additive emulsifier and dispersant in latex paints	Applications
stabilizer, viscosity enhancer, and dispersant for liquid makeups	
ink thickener , lubricant in polycarbonates and nylons	
lubricant and de-dusting agent in rubber production	
Related industries	

Cosmetics and Personal care, Additive in pharmaceuticals, Fire retardants powders.	Applications
Mold Lubricant	
Lubricant in many diaries, Medicines and Cosmetics, especially as a lubricant for pharmaceutical tableting	
Emulsifier, binder and thickener as well as an anticaking	
Anti-corrosion, Emulsifier and a disinfectant	
Related industries	

Properties	Value
Appearance	Powder
Color	White
Loss on drying	1.4
Ash	18.12
Heavy metal (as pb)	<20
Cadmium	<3
Lead	<10
Nickel	<5
Solubility Description	Insoluble
Titer Fatty Acid	59
Melting Point	190
Free Fatty Acid	N.D
Density( $gr/cm^3$ )	0.95
PH (10%)	9.15
Particle Size (<90 $\mu m$ )	98%
TFM	80.4
CL <sup>-</sup>	0.04

Analyze Table



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More information about the product

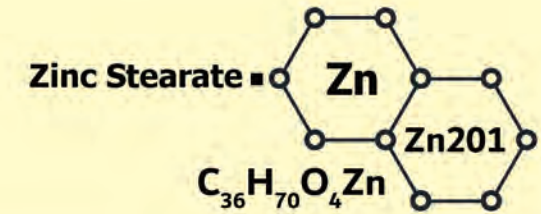
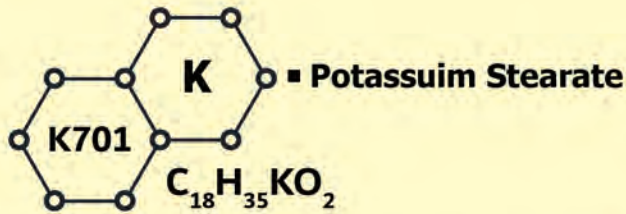
Properties	Value
Appearance	Powder
Color	White
Loss on drying	<1
Ash	15-18
Heavy metal (as pb)	<20
Cadmium	<3
Lead	<10
Nickel	<5
Solubility Description	Insoluble
Titer Fatty Acid	59
Melting Point	195
Free Fatty Acid	0.38
Density( $gr/cm^3$ )	1.03
PH (10%)	7.86
Particle Size (<90 $\mu m$ )	95%
TFM	79.19
CL <sup>-</sup>	0.1



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More information about the product





Personal care and cosmetics, Detergent, Cake and Pie additive, Textile	Related industries
As emulsifier for stabilizer	Applications
Release agent in production of pharmaceutical capsules and tables	
As an additive in food, Cosmetics and personal care products	

Rubber, Plastics, Polymer, Master batch	Related industries
Zinc Stearate is commonly used as a release agent, heat stabilizer and lubricant in the plastics, polyolefin, polystyrene and rubber industry. Some common uses of this material is.	Applications
As an external lubricator in rubber and polymer industries.	
Matting agent for plastics and polymers	
It is widely used as a release agent and dispenser agent of paint in different master batches	

Properties	Value
Appearance	Powder
Color	White
Loss on drying	<2
Ash	21.67
Heavy metal (as pb)	<20
Cadmium	<2
Lead	<2
Nickel	<2
Solubility Description	Insoluble
Titer Fatty Acid	58
Melting Point	N/A
Free Fatty Acid	0.03
Density( $gr/cm^3$ )	1.025
PH (10%)	10.7
Particle Size (<90 $\mu m$ )	95
TFM	75.16
CL <sup>-</sup>	0.07

Analyze Table



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More information about the product

Properties	Value
Appearance	Powder
Color	White
Loss on drying	<0.5
Ash	<20
Heavy metal (as pb)	<20
Cadmium	<3
Lead	<10
Nickel	<5
Solubility Description	Insoluble in water
Titer Fatty Acid	60
Melting Point	110
Free Fatty Acid	0.02
Density( $gr/cm^3$ )	1.02
PH (10%)	6-7
Particle Size (<90 $\mu m$ )	95%
TFM	78
CL <sup>-</sup>	0.09

Analyze Table



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