



Product Bulletin: 7/10/08

## MATHE<sup>®</sup> LITHIUM STEARATE

### DESCRIPTION

MATHE<sup>®</sup> Lithium Stearate is a high quality, general purpose lithium stearate. Its carefully controlled particle size helps handling and improves blending.

### TYPICAL PROPERTIES

Total Ash, %	.....	5.4
Moisture, %	.....	0.5
Free Fatty Acid, %	.....	0.5
Soluble Salts, %	.....	0.5
Softening Point, C	.....	212
Apparent Density, lbs/ft <sup>3</sup>	.....	12
% thru 200 Mesh	.....	100

Appearance: Free flowing fine white powder.

## MATHE<sup>®</sup> LITHIUM STEARATE

### APPLICATIONS

- **Cosmetic and Toiletries:** MATHE<sup>®</sup> Lithium Stearate is used as an additive in face and body powders to impart slip and unctuousness and improve adherence to the skin.
- **Powder Metallurgy:** MATHE<sup>®</sup> Lithium Stearate is employed in the pressing of brass and stainless steel compacts.
- **Greases:** MATHE<sup>®</sup> Lithium Stearate is used as a gelling agent in the manufacture of multi-purpose greases, which offer a broader range of operating temperature than greases using aluminum or sodium stearates. MATHE<sup>®</sup> Lithium Stearate gives greases the properties of high drop points, water resistance, transparency and excellent elasticity and recovery.

### STORAGE AND HANDLING RECOMMENDATIONS

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|-----------------|---|
| <b>Storage</b>  | - Store at ambient temperatures away from sources of heat or from places of extreme moisture.                               |
| <b>Fire</b>     | - Use water from a safe distance, preferably with a fog nozzle.   |
| <b>Handling</b> | - Avoid contact with skin or eyes. Safety goggles are recommended.  |
| <b>Spills</b>   | - Clean up immediately. Sweep up and discard in a closed container.   |
| <b>Disposal</b> | - Consult Federal, State, and Local regulations. Consult the telephone book or EPA for list of approved disposal companies. |
| <b>Other</b>    | - See MSDS for MATHE <sup>®</sup> Lithium Stearate for additional health, safety, and environmental information.            |

### PACKAGING

Mathe<sup>®</sup> Lithium Stearate is packaged in 40 lb. multiwall bags, unitized on non-returnable wooden pallets. Please contact your Norac sales representative to discuss your special packaging requirements.

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