



Product Bulletin: 7/10/08

## MATHE<sup>®</sup> SODIUM STEARATE

### DESCRIPTION

MATHE<sup>®</sup> Sodium Stearate is characterized by a high melting point, making it suitable for high temperature lubricating applications. In addition, sodium stearate exhibits excellent gelling properties in polar solvents, especially short chain alcohols.

### TYPICAL PROPERTIES

Total Ash, %	.....	10.5
Moisture, %	.....	1.75
Free Fatty Acid, %	.....	0.5
Soluble Salts, %	.....	0.5
Softening Point, C	.....	220
Apparent Density, lbs/ft <sup>3</sup>	.....	28
% thru 100 Mesh	.....	100

Appearance: Free flowing white powder.

## MATHE<sup>®</sup> SODIUM STEARATE

### APPLICATIONS

- **Cosmetic Sticks:** MATHE<sup>®</sup> Sodium Stearate dissolves in polar solvents which allows the formation of rigid or semi-rigid gels used in cosmetic sticks.
- **High Temperature Plastics:** MATHE<sup>®</sup> Sodium Stearate's high melting point makes it an excellent processing aid and lubricant for certain polycarbonates and nylons.

### 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> Sodium Stearate for additional health, safety, and environmental information.             |

### PACKAGING

Mathe<sup>®</sup> Sodium Stearate is packaged in 50 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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