

 UNIFLOW	SODIUM STEARATE ULTRAFINE			MLA <hr/> GROUP
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SODIUM STEARATE

UNIFLOW-MC is a synthetic micronized Sodium Stearate manufactured via process developed by our R & D department having tremendous experience in precipitation and particle size/morphology control technology, and recognized by the Department of Scientific and Industrial Research, Government of India. The product is very finely micronized and has low moisture, low free fatty acid and low residual sodium. The product is technically far better than the currently available products, besides the assurance of consistent quality from an ISO 9001:2000 certified unit.

TYPICAL PHYSIO-CHEMICAL PROPERTIES

PROPERTY	UNIT	UNIFLOW-NS
Colour & Appearance	-	White free flowing powder
Bulk Density ^{1,3} – Loose – Compact*	gm/cc	0.15-0.18
		0.20-0.26
Moisture (105°C) ²	%	<3.0
Electrolytes	%	<2.0
Melting Point	°C	200-240
Free fatty matter	%	<3.0
pH	-	8.5-11
Ash	%	9.5-11.5
Residue on 240 mesh	%	NIL

1) At the time of packing 2) By IR Moisture Balance 3) IS: 7589-1974 (A-8) 4) IS: 12076-1986(A-2) 5) IS: 2850-1983 (A-5.1)

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APPLICATIONS:

- 1) Cosmetic Sticks: Sodium Stearate dissolves in polar solvents which allows the formation of rigid or semi-rigid gels used in cosmetic sticks.
- 2)High Temperature Plastics: Sodium Stearates high melting point makes them excellent processing aids and lubricants in polycarbonates and nylons.
- 3) Latex Paints: Sodium Stearate is used as an emulsification and dispersing agent.
- 4) Paper and Paperboard: Sodium Stearate is used as an internal sizing, dispersion and wetting agent.
- 5) Plastics – Rigid PVC: Sodium Stearate is used in combination with calcium stearate as an auxiliary