

SPECIFICATIONS

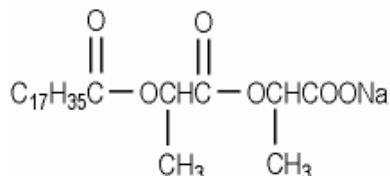


Product Code: 16000

Date: 11/06/2013

PATIONIC ISL **INCI Name: Sodium Isostearoyl Lactylate**

DEFINITION: Sodium Isostearoyl Lactylate is the sodium salt of the isostearic acid ester of lactyl lactate. It conforms to the formula:



EMPIRICAL FORMULA: C₂₄H₄₃O₆Na

DESCRIPTION: Pationic ISL imparts excellent feel to detergent and emulsion systems. It is also substantive to skin and hair and is hygroscopic. Its multi-functionality includes emulsification properties, conditioning effects, hair repair and moisturization.

GENERAL DATA:

Physical Form @ 25°C	100% active clear viscous liquid
Color	Straw or honey colored
HLB	5.9
CAS Number	66988-04-3
EINECS Number	266-533-8

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Acid Value	60 - 80
Saponification Value	205 - 225
Color (Gardner)	8 max.
% Sodium	4.5 - 6.5

STORAGE & HANDLING

Store under cool, dry conditions. The container should be kept tightly sealed. After usage, return containers to normal storage as product discolorization could occur. Avoid exposure to direct sunlight for prolonged periods. Approximately 24 - 48 hours prior to use, container should be placed in a "hot room" at 60 to 65°C to facilitate handling in a free flowing form.

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