



BULLETIN VC-961

## prolipid™ 141 lamellar gel

*multi-functional lamellar gel for face and body that mimics the skin's natural lipid structure*

<b>formulator benefits</b> emulsifier-like properties enhances delivery of functional actives compatible with anionic thickeners improves formula spreading enables creating structured emulsions and mousses	<b>formulation benefits</b> pollution shield skin barrier function improvement durable hydration water resistance and less greasy feel in sun care formulas
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leave-on applications

**product forms** emulsion O/W (oil-in-water), mousse, balm/butter, oil/anhydrous formulations

### chemistry

mixture of fatty acids and alcohols

INCI name: Glyceryl Stearate (and) Behenyl Alcohol (and) Palmitic Acid (and) Stearic Acid (and) Lecithin (and) Lauryl Alcohol (and) Myristyl Alcohol (and) Cetyl Alcohol

preservative: non-preserved

### typical properties

appearance..... off-white, wax like solid



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## formulation guidelines

<b>recommended use levels</b>	3-6%
<b>temperature/mixing conditions</b>	melt in oil phase by heating to 75-80 °C
<b>when to add</b>	add to oil phase
<b>tips from Ashland's solvers</b>	melt in oil phase (75-80 °C) prepare water phase (with or without rheology modifier); heat to 75-80 °C add oil phase slowly to water phase, homogenize, then switch to sweep mixing add neutralizer, if necessary, with mixing add the remaining formulation ingredients during cooling

**safety, handling, and storage**

Storage is recommended in tightly closed original containers at temperatures between 5°C and 25°C. Additional information concerning safety, handling and storage is supplied in the safety data sheet, which can be made available upon request. Such information includes:

- o classification and labelling per regulations for transport and for dangerous substances
- o protective measures for storage and handling

A toxicology summary can also be made available, on a confidential basis, by contacting Ashland's toxicology department.

**regulatory**

CAS#: mixture

Component ingredients are listed in the China IECIC-2015

Other regulatory information is available on request.