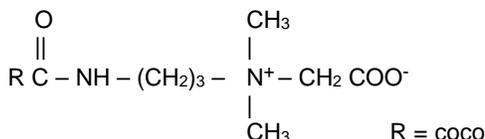


Product Name

### AMPHOSOL® HCG-HP

Chemical Structure



Chemical Description

AMPHOSOL HCG-HP is a low odor, amido amine-type betaine, derived from refined coconut oil.

CAS Registry No.

61789-40-0

INCI Name

Cocamidopropyl Betaine

Applications

Functional Properties

- Primary or secondary surfactant
- Foam booster
- Viscosity builder
- Compatible with anionics, nonionics and cationics

End Product Uses

- |                 |                    |
|-----------------|--------------------|
| • Bubble Baths  | • Facial Cleansers |
| • Shampoos      | • Shower Gels      |
| • Baby Products | • Pet Shampoos     |
| • Hand Soaps    | • Body Wash        |

Typical Properties

Appearance at 25 °C.....	Clear liquid
Actives, % .....	31.0
Solids, % .....	36.5
Sodium Chloride, %.....	5.25
pH, as is .....	12.0
Color, APHA.....	150
Cloud Point (as is), °C (°F).....	-10(14)
Pour Point, °C (°F) .....	-10 (14)
Flash Point (PMCC), °C (°F) .....	>94 (>201)
Viscosity at 25 °C, cps.....	14
Density, g/ml (lbs/U.S. gal).....	1.06 (8.81)
RVOC, U.S. EPA, %.....	0
Preservative .....	Not required

Environmental Effects

AMPHOSOL HCG-HP is readily biodegradable. Additional information is available upon request.

Health Effects

AMPHOSOL HCG-HP is slightly toxic orally (oral LD<sub>50</sub> rat> 1500 mg/kg) when used under neutral conditions.

Storage & Handling

Normal safety precautions (i.e., gloves and safety goggles) should be employed when handling AMPHOSOL HCG-HP. Contact with the eyes and prolonged contact with the skin should be avoided. Wash thoroughly after handling material.



Storage & Handling

**Bulk Storage Information:** It is recommended that AMPHOSOL HCG-HP be stored in sealed containers and kept at temperatures between 40 °F (4 °C) and 110 °F (43.3 °C). Avoid overheating or freezing. If material is frozen, mild heat and agitation are recommended to ensure the material is homogeneous before use.

Storage & Handling

**Standard Packaging:** AMPHOSOL HCG-HP is available in bulk, totes and 55 gallon drum quantities.

Clearances

The international inventories (country clearances) for AMPHOSOL HCG-HP can be found in Section 15 of the Safety Data Sheet (SDS). **It is the responsibility of the formulator to review the chemical control regulations for each country where the end product is intended to be sold or used.** If you have any further questions regarding inventories, please contact North America Technical Service at [techserv@stepan.com](mailto:techserv@stepan.com).

AMPHOSOL HCG-HP meets the U.S. EPA Safe Choice Program's surfactant screen and is listed on [www.cleangredients.org](http://www.cleangredients.org) (an on-line database for green formulators). For further information, visit [www.cleangredients.org](http://www.cleangredients.org). Additional Stepan ingredient listing can be found at [www.stepan.com](http://www.stepan.com)

Product Stewardship

This product bulletin has been written in accordance with ACC's Product Stewardship guidelines.

Additional Safety Information

A Safety Data Sheet is available upon request.



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**Stepan**   
**Corporate Headquarters**  
**Northfield, Illinois 60093, U.S.A.**  
**Phone: 847-446-7500**  
**Fax: 874-501-2100**  
**Website: [www.stepan.com](http://www.stepan.com)**

**For Technical Service Call:**  
Stepan North America **+1-800-745-7837**  
Stepan Mexico **+55-11-5089-2208**  
Stepan Quimica **+55-11-5089-2200**  
Stepan Colombia **+571-636-2808**  
Stepan Europe **+33-476-505-160**  
Stepan Asia **+656-879-9855**  
Stepan Philippines **+656-879-9855**

**For Customer Service Call:**  
Stepan North America **+1-800-457-7673**  
Stepan Mexico **+52-555-533-1967**  
Stepan Quimica **+55-11-5089-2200**  
Stepan Colombia **+57-6-8993125**  
Stepan UK **+44-161-338-5511**  
Stepan France **+33-476-50-51-00**  
Stepan Philippines **+63-2-842-7951**