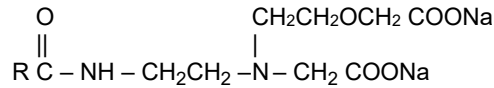


## Product Bulletin

### AMPHOSOL® 2C

Product Name

Chemical Structure



R = coco

Chemical Description

Disodium cocoamphodiacetate is a mild amphoteric surfactant.

CAS Registry No.

68650-39-5

INCI Name

Disodium Cocoamphodiacetate

Applications

Functional Properties

- Secondary surfactant
- Foam booster
- Viscosity builder
- Compatible with anionics, nonionics and cationics

End Product Uses

- |                 |                   |
|-----------------|-------------------|
| • Bubble Baths  | • Hand Soaps      |
| • Body Washes   | • Facial Washes   |
| • Shampoos      | • Shower Gels     |
| • Baby Products | • Ethnic Products |
| • Pet Shampoos  |                   |

Typical Properties

Appearance at 25°C .....	Clear to hazy liquid	Actives, %.....	38.0
Solids, %.....	50	Sodium Chloride, %.....	11.5
pH, 10% aqueous .....	8.5	Color, Gardner.....	3
Freeze Point, °C (°F) .....	-15 (5)	Density, g/ml (lbs/U.S. gal).....	1.09 (9.1)
RVOC, U.S. EPA, % .....	0	Preservative .....	DMDM Hydantoin

Environmental Effects

Product is biodegradable. Additional information is available upon request.

Health Effects

Non-irritating to the eyes at concentration of 5% active (Draize OECD 405), and to the skin at a concentration of 10% active (Draize OECD 404).

Storage & Handling

Normal safety precautions (i.e. gloves and safety goggles) should be employed when handling AMPHOSOL 2C in its concentrated form. Contact with the eyes and prolonged contact with the skin should be avoided. Wash thoroughly after handling material.

Standard Packaging: AMPHOSOL 2C is available in bulk, tote and drum quantities.

It is recommended that AMPHOSOL 2C be stored in sealed containers and kept at temperatures between 50°F (10°C) and 120°F (49°C). Avoid overheating or freezing. If material is frozen, mild heat and agitation are recommended to ensure the material is homogeneous before use.

Workplace Exposure

Occupational exposure can occur primarily through skin contact or via inhalation of vapors and mists. Engineering controls, personal protective equipment, and other workplace safety practices should be used to control these exposures. See SDS for more information.



## Clearances

The international inventories (country clearances) of AMPHOSOL 2C 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).

## Product Stewardship

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

## Additional Safety Information

A Safety Data Sheet (SDS) is available upon request.



The information contained herein is based on the manufacturer's own study and the works of others and is subject to change without prior notice. The information is not intended to be all-inclusive, including as to the manner and conditions of use, handling, storage or disposal or other factors that may involve additional legal, environmental, safety or performance considerations. Nothing contained herein grants or extends a license, express or implied, in connection with any patents issued or pending of the manufacturer or others, or shall be construed as a recommendation to infringe any patents or to violate any applicable laws. STEPAN COMPANY MAKES NO WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR USE, EXPRESS OR IMPLIED, AND NO OTHER WARRANTY OR GUARANTY, EXPRESS OR IMPLIED, IS MADE, INCLUDING AS TO INFORMATION REGARDING PERFORMANCE, SAFETY, SUITABILITY, STABILITY, ACCURACY, COMPLETENESS OR ADEQUACY. Stepan Company (and its employees, subsidiaries and affiliates) shall not be liable (regardless of fault) to the vendee, its employees, or any other party for any direct, indirect, special or consequential damages arising out of or in connection with the information provided herein, including in respect of its accuracy, completeness, adequacy, furnishing, or use, or reliance upon such information. The vendee assumes and releases Stepan Company (and its employees, subsidiaries and affiliates) from all liability, whether in tort, contract or otherwise to the fullest extent possible under the relevant law.

**Stepan**   
**Corporate Headquarters**  
**Northbrook, Illinois 60062, 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**