



Product Bulletin

CONSUMER PRODUCTS

Product Name

AMPHOSOL® 2CSF-AF

Chemical Structure

R = coco

Chemical Description

This Disodium Cocoamphodipropionate is a mild, alcohol-free, salt-free and self-preserved amphoteric surfactant.

CAS Registry Number 68604-71-7

INCI Name

Disodium Cocoamphodipropionate

Applications

Functional Properties

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

End Product Uses

- Neutralizing shampoos
- Conditioning shampoos
- Ethnic Shampoos
- Skin Cleansers

- Steam Cleaners for Carpet Extraction
- Hard Surface Cleaners
- Wax Strippers
- Metal Cleaners

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Properties

Appearance at 25 °C Solids, %	
Sodium Chloride, %	
pH, as is	9.7
Viscosity at 25 °C, cps	
Freeze Point, °C (°F)	
Color, Gardner	
Density at 25 °C, g/mL (lbs/gal)	1.08 (9.01)
Flash Point, PMCC, °C (°F)	
Preservative	

Biodegradability

Product is biodegradable. Additional information is available upon request.

Storage & Handling

Standard Packaging: AMPHOSOL 2CSF-AF is available in 55-gallon drums (450 lb, 204 kg).

Non-Bulk Storage Recommendations: AMPHOSOL 2CSF-AF should be stored in closed containers and kept in a cool, dry place away from incompatible materials (see Section 10 of the SDS). If material is frozen it should be heated gently and stirred to ensure it is homogeneous before use.

<u>Bulk Storage Recommendations</u>: AMPHOSOL 2CSF-AF should be stored in vessels of 316 stainless steel or 304 stainless steel. Heating and agitation are recommended for outside storage. Material should be

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stored between 10 - 49 °C (50 - 120 °F). An internal hairpin coil of 316 stainless steel with low pressure steam (under 50 psig) should be used if heating is required. Pumps, pipes and transfer lines should be 316 stainless steel.

Normal safety precautions (i.e., gloves and safety goggles) should be employed when handling AMPHOSOL 2CSF-AF. Contact with eyes, nose or prolonged contact with skin should be avoided. Wash thoroughly after handling AMPHOSOL 2CSF-AF.

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 practices should be used to control these exposures.

Clearances

All components of AMPHOSOL 2CSF-AF are listed in the following countries; the registration numbers for the active ingredients are included in parentheses: Australia (AICS 68604-71-7), Canada (DSL 68604-71-7), China (IECSC 68604-71-7), EU (EINECS 271-704-5), Korea (ECL Serial No. KE-20945), New Zealand (NZIoC 68604-71-7), Philippines (PICCS 68604-71-7), and United States (TSCA 68604-71-7).

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.

Product Stewardship

A Safety Data Sheet is available upon request.

Additional Safety Information

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, AND NO WARRANTY OR GUARANTY OF ANY OTHER KIND, EXPRESS OR IMPLIED, IS MADE, INCLUDING REGARDING PERFORMANCE, SAFETY, SUITABILITY, STABILITY, ACCURACY, COMPLETENESS, ADEQUACY OR OTHERWISE. Stepan Company (and its employees, subsidiaries and affiliates) shall not be liable (regardless of fault) to the vendee, its employees, or any other party in respect of this information, including in respect of its accuracy, completeness, adequacy, furnishing, use, or reliance upon, and 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.

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

Stepan

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