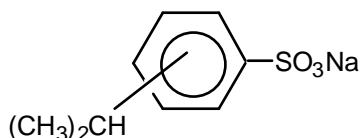


Product Name

### STEPANATE<sup>®</sup> SCS

Chemical Structure



Chemical Description

Sodium Cumenesulfonate

CAS Registry No.

28348-53-0

INCI Name

Sodium Cumenesulfonate

Applications

STEPANATE SCS is used in liquid detergent formulations as a solubilizer, coupling agent and cloud point depressant. The hydrotropic or solubilizing property of STEPANATE SCS allows materials to be incorporated in formulations that normally are incompatible. STEPANATE SCS is also useful in lowering the cloud point or crystallization temperature of complex blends. STEPANATE SCS contains no alcohol so it will not decrease the flash point of your formulation.

STEPANATE SCS is commonly used as a coupling agent for surfactants in phosphate and silicate solutions. The coupling ability of STEPANATE SCS makes it possible to formulate detergents containing high percentages of inorganic builders. Heavy duty cleaners, wax strippers and complex dishwashing detergents can also be prepared without the use of organic solvents. It is also used as a non-caking agent in spray dried detergents.

Typical Properties

Appearance at 25°C .....	Clear liquid
pH, (1% active aqueous solution) .....	8.4
Actives, % .....	45
Solids, % by Wt .....	46
Pour Point, °C (°F) .....	12 (54)
Freeze Point, °C (°F) .....	10 (50)
Cloud Point, °C (°F) .....	9 (48)
Color, Klett (as is) .....	47
Viscosity, cps at 25°C .....	8
Viscosity, cps at 60°C .....	4
Flash Point, °C (°F) .....	>94 (>201)
Density, g/ml (lbs/U.S. gal) .....	1.16 (9.65)
RVOC, U.S. EPA, % .....	0

Biodegradability

Product is readily biodegradable. A detailed biodegradability statement is available upon request.



## Storage & Handling

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

It is recommended that STEPANATE SCS be stored in closed containers and kept in a cool, dry place. Liquipak or HDPE plastic drums are recommended for storage of STEPANATE SCS. If the material is exposed to cooler temperatures, it can crystallize and separate. It should be heated slowly and agitated gently to insure it's homogeneity before use.

**Bulk Storage Information:** STEPANATE SCS should be stored in 316 stainless steel or fiberglass with a corrosion liner. Mild agitation is recommended while storing to maintain homogeneity. Material should be stored between 75 - 105°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.

**Standard Packaging:** STEPANATE SCS is available in drums (500 lb, 227 kg) and in bulk quantities.

## Clearances

All components of STEPANATE SCS are listed in the following countries; the registration numbers for the active ingredients are included in parentheses: Europe (EINECS 248-983-7), Canada (DSL 28348-53-0) Australia (AICS 28348-53-0), United States (TSCA 28348-53-0), Philippines (PICCS 28348-53-0), and Korea (ECL Serial No. KE-23960).

STEPANATE SCS is available in Kosher grade.

## Additional Safety Information

A Material Safety Data Sheet is available upon request.

Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, of the manufacturer or others. The information contained herein is based on the manufacturer's own study and the works of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.

# Stepan

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

For Technical Service Call: Northfield, IL USA 800-745-7837  
Longford Mills, Canada 705-326-7329 • Mexico City, Mexico +52-555-533-1697  
Voreppe, France +33-476-505-100 • Bogota, Colombia +57-1-6362808  
Stalybridge, United Kingdom +44-141-338-9083  
Manila, Philippines +632-891-1708

