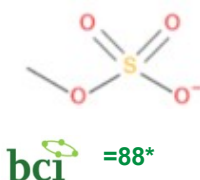
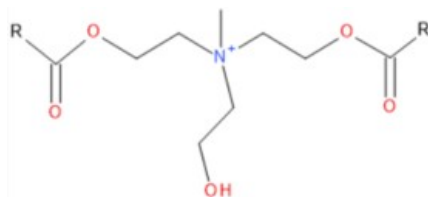


Product Name

### STEPANQUAT® Soleil

Chemical Structure



+ sunflower seed oil glycerides

bci =88\*

\*BCI is Biorenewable Carbon Index - BCI is a calculated (not analytical) value based on an "idealized" molecule. It is the percent of a Stepan product that comes from biorenewable carbons.

Chemical Description

Esterification products of triglycerides C18 unsaturated with triethanolamine, dimethyl sulfate quaternized

INCI Name

Dioleoyl ethyl Hydroxyethylmonium Methosulfate (and) Sunflower Seed Oil Glycerides

Applications

STEPANQUAT Soleil is a modern hair conditioning agent that is better for the hair and the environment thanks to its better ecotoxicity profile compared to BTAC (benhentrmonium chloride) and CETAC (cetrmonium chloride). Additionally, STEPANQUAT Soleil is readily biodegradable, GMO-free and it is derived from local renewable/sustainable feedstock. This product smooths each individual hair strand, for super-soft, manageable hair and without any build up effect. It allows for easy combing on both wet and dry hair and possesses a great substantivity. STEPANQUAT Soleil conditions hair as well as or better than market leading conditioning agents while having a very nice environmental profile.

#### Functional Properties

Conditioning agent  
Oil in water emulsifier  
Feel enhancer

#### End-Use Applications

Hair conditioners (rinse off or leave in)  
Hair styling products  
Hair treatments  
Conditioning shampoo  
Hand soaps  
Shower gels/Body washes

Typical Properties

Appearance at 20°C .....	Pale amber viscous liquid
Perchloric Acid Titration (PAT), meq/g.....	0.05 max.
pH (5% in water/IPA 50/50 v/v) .....	2.9
Specific Gravity at 20°C, g/cm <sup>3</sup> .....	0.99
Freeze Point, °C (°F).....	14 (57)
Color, Gardner.....	3
Viscosity at 20°C, cps.....	5,000-6,000
Other typical properties.....	Please refer to section 9 of the European SDS

Storage & Handling

Handle STEPANQUAT Soleil with care. Use in a well-ventilated area. Contact with eyes, nose or prolonged skin contact should be avoided. Use gloves and safety goggles when handling STEPANQUAT Soleil. Wash thoroughly after handling material.

October 2020  
Supersedes  
September 2020  
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STEPANQUAT® is a registered trademark of Stepan Company.



Storage & Handling

It is recommended that STEPANQUAT Soleil be stored in sealed containers and kept in a cool, dry place. It is recommended to store this product above 15°C (59°F) to keep it homogeneous and avoid any crystallization. If temperatures below 15°C (59°F) are reached, gentle warming while stirring is recommended to ensure getting the homogeneity back again.

**Standard Packaging:** STEPANQUAT Soleil is available in bulk and drum quantities, as well as intermediate bulk containers.

Clearances

All active components of STEPANQUAT Soleil are listed in the following countries.

**It is the responsibility of the formulator to review and comply with the chemical control regulations for each country where the end product is intended to be sold or used.**

Country & Inventory Name	On Inventory (Yes/No) *
Europe (REACH)	REACH registration ongoing
U.S. (TSCA)	Yes
Australia (AICS)	Yes, with exception (Personal Care application may require secondary notification)
Canada (DSL)	Yes
China (IECSC)	Yes (IECIC - Cosmetic inventory listed)
Japan (ENCS)	Yes
Korea (ECL)	Cosmetics and cosmetic raw materials are exempt from K-REACH requirements.
New Zealand (NZIoC)	May be used as a component in a product covered by a group standard.
Philippines (PICCS)	Can only be imported into the Philippines in a finished cosmetic; it cannot be imported as a raw material.
Taiwan (ECN)	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s). A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by governing country(s).

Product Stewardship

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

For Additional Assistance

A Safety Data Sheet is available upon request.

For applications or product handling assistance, call our Corporate Offices at (33) 4-76-50-5160. For ordering assistance, call our Customer Service Department at (33) 4-76-50-5100.

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