



TI-NatSurf® FHS

TI-NatSurf® FHS is a naturally derived, highly functional, cleansing complex designed to deliver ultra-rich, sulphate free, creamy foaming properties for hand and face products. This naturally derived cleansing complex can be utilized as a primary complex for water thin formulations, and micellar systems, that will leave a soft feel on the skin, while meeting the demands of today's natural cleansing applications.

TI-NatSurf® FHS is ideal for natural based sulphate-free cleansing applications.

KEY FEATURES AND BENEFITS

Produces rich stable "lather type" foam
Excellent flash foam
Produces clear oil enriched systems
Mild, Sulphate and sulphonate free
VOC, EO and DEA free

APPLICATIONS

Facial Care	5 to 15%
Hand Wash	20 to 25%
Micellar waters	28 to 34%
Essential Oils Solubilizing	3:1 to 3:1

TYPICAL PROPERTIES (NOT A SPECIFICATION)

Appearance @ 25° C:	Clear to hazy liquid
Colour (Gardner):	2 Max
pH (10% Solution):	6.0 to 7.5
Total Solids (%):	34
Viscosity @ 25 °C (cPs):	650
BCI (%Renewable Carbon)	87

COMPLIANCE INFORMATION

INCI Name: Aqua (Water), Caprylyl/capryl glucoside, Sodium lauroyl sarcosinate, Decyl glucoside, Cocamidopropyl hydroxysultaine, Sodium cocoyl amino acids (apple)

CAS Number: Refer to SDS
EC Number: Refer to SDS

For detailed Global Designations consult SDS.

STANDARD PACKAGING

TI-NatSurf® FHS is available in 200 kg Drums





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TI-NATSURF® FHS VS COMMERCIAL SULPHONATE/SULPHATE SYSTEM



Time = 0 min



Time = 14 min



Time = 33 min

Test Conditions

Test conducted with commercially available market leading brand, in equivalent aerator pump system. Ten equal pumps were used on each.

TI-NatSurf® FHS System

- Formulated at 7 % Solids in the bottle.
- NO 2° Surfactants Used.

Commercial System

- Analyzed at 21 % solids in the bottle.
- INCI listing;
 - Sodium C14-16 olefin sulphonate
 - Sodium laureth sulphate
 - Cocamidopropyl betaine
 - Cocamide DEA