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Material Safety Data Sheet

STOKO Refresh Anti-bac Foam Soap **MSDS ID: SK-139**

*** Section 1 - Chemical Product and Company Identification ***

Chemical Name: Stoko Refresh Anti-bac Foam Soap
Product Use: Skin Cleansing
Manufacturer Information
Bentfield Europe B.V.
Lucas Bolsstraat 7
Nieuw-Vennep, Nederland 2152 CZ

Distributor/Contact Information
Stockhausen Inc.
2401 Doyle Street
Greensboro, NC 27406

Phone: (800) 242-2271

Emergency # (800) 424-9300

*** Section 2 - Composition / Information on Ingredients ***

CAS #	Component	Percent
9004-82-4	Dodecyloxypoly(ethyleneoxy) ethyl sulfate, sodium salt	5-15
57-55-6	1,2-Propylene glycol	5-15
68603-42-9	Coconut diethanolamide	<5

Component Information/Information on Non-Hazardous Components
This antimicrobial hand santizer is regulated by the US Food and Drug Administration and in Canada as an "Over-The-Counter" topical antimicrobal drug product.

*** Section 3 - Hazards Identification ***

Emergency Overview
No health hazard is anticipated during normal handling.
Potential Health Effects: Eyes
This product is irritating to the eyes.
Potential Health Effects: Skin
None.
Potential Health Effects: Ingestion
Harmful if swallowed.
Potential Health Effects: Inhalation
None.
HMIS Ratings: Health: 1 **Fire:** 0 **Reactivity:** 0 **Pers. Prot.:** None required.
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

*** Section 4 - First Aid Measures ***

First Aid: Eyes
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice if symptoms persist.
First Aid: Skin
None.
First Aid: Ingestion
If the material is swallowed, get immediate medical attention or advice -- Give several glasses of water. DO NOT induce vomiting unless directed to do so by medical personnel.

First Aid: Inhalation
Move to fresh air.

*** Section 5 - Fire Fighting Measures ***

General Fire Hazards
This product is not flammable.

Upper Flammable Limit (UFL): Not determined
Lower Flammable Limit (LFL): Not determined
Method Used:
Flash Point: NA
Flammability Classification:
Auto Ignition: Not determined

Hazardous Combustion Products
None identified.

Extinguishing Media
Water spray, dry chemical, carbon dioxide, foam.

Fire Fighting Equipment/Instructions
Firefighters should wear full-face, self contained breathing apparatus and impervious protective clothing.

NFPA Ratings: Health: 1 **Fire:** 0 **Reactivity:** 0
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

*** Section 6 - Accidental Release Measures ***

Containment Procedures
Absorb spill with inert material.

Clean-Up Procedures
Absorb spill with inert material. Shovel material into appropriate container for disposal.

Evacuation Procedures
None.

Special Procedures
None.

*** Section 7 - Handling and Storage ***

Handling Procedures
Keep out of reach of children.

Storage Procedures
No special storage conditions required.

*** Section 8 - Exposure Controls / Personal Protection ***

Exposure Guidelines

A: General Product Information
OSHA exempt: FDA regulated.

B: Component Exposure Limits
No information is available.

Engineering Controls
None necessary.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face
Avoid eye contact.

Personal Protective Equipment: Skin
None.

Personal Protective Equipment: Respiratory
None.

Personal Protective Equipment: General
Obey reasonable safety precautions and practice good housekeeping.

*** Section 9 - Physical & Chemical Properties ***

Appearance:	Transparent	**Odor:**	Neutral
Physical State:	Liquid	**pH:**	7.6
Vapor Pressure:	NA	**Vapor Density:**	NA
Boiling Point:	appx. 100 C	**Melting Point:**	appx 0 C
Solubility (H2O):	very soluble	**Specific Gravity:**	NA
Bulk Density:	1.03 kg/l		

*** Section 10 - Chemical Stability & Reactivity Information ***

Chemical Stability
Stable under usual application conditions.

Chemical Stability: Conditions to Avoid
None

Incompatibility
None identified.

Hazardous Decomposition
None identified.

Hazardous Polymerization
Hazardous polymerization will not occur.

*** Section 11 - Toxicological Information ***

Acute and Chronic Toxicity

A: General Product Information
None identified.

B: Acute Toxicity-LD50/LC50

1,2-Propylene glycol (57-55-6)
LD50: Oral LD50 Rat: 20 gm/kg
Oral LD50 Mouse: 22 gm/kg
Dermal LD50 Rabbit: 20800 mg/kg

Dodecyloxypoly(ethyleneoxy) ethyl sulfate, sodium salt (9004-82-4)
LD50: Oral LD50 Rat: 1600 mg/kg

Coconut diethanolamide (68603-42-9)
LD50: Oral LD50 Rat: 12400 uL/kg

Carcinogenicity

Component Carcinogenicity
No information is available.
Other Toxicological Information
None.

*** Section 12 - Ecological Information ***

Ecotoxicity
A: General Product Information
Ecological impacts are not expected with normal use.
B: Component Analysis - Ecotoxicity - Aquatic Toxicity
1,2-Propylene glycol (57-55-6)
24 Hr LC50 goldfish: 5000 mg/L
48 Hr LC50 guppy: 10000 mg/L

Environmental Fate
No information available.

*** Section 13 - Disposal Considerations ***

US EPA Waste Number & Descriptions
A: General Product Information
None
B: Component Waste Numbers
No EPA Waste Numbers are applicable for this product's components.
Disposal Instructions
Dispose of empty containers according to all State and Federal environmental regulations.

*** Section 14 - Transportation Information ***

International Transportation Regulations
Not transporation regulated: Non-hazardous material.

*** Section 15 - Regulatory Information ***

US Federal Regulations
A: General Product Information
Not subject to TSCA regulation.
B: Clean Air Act
No information is available.
C: Component Analysis
No information is available.
D: Food & Drug Administration
CFR references for the FDA regulated components in this product are listed.
1,2-Propylene glycol (57-55-6)
Indirect Food Additives: 175.300
GRAS: 184.1666

Coconut diethanolamide (68603-42-9)
Direct Food Additives: 173.322