

Material Safety Data Sheet

MSDS ID: SK-173B

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

Product Name: STOKO® Refresh Foam Food Handlers Wash

Product Use: Skin Cleansing

Manufacturer Information

Bentfield Europe B.V. Amperestraat 12, 2181 HB Hillegom, Nederland 2152 CZ	Phone: +31 (0)252 61221
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Distributor Company/Contact Information

Evonik Stockhausen, LLC 2401 Doyle Street Greensboro, NC 27406	Non-Emergency # 800-242-2271 Emergency # (800) 424-9300 CHEMTREC (North America) Emergency # (703) 527-3887 CHEMTREC (International, call collect)
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*** Section 2 - Hazards Identification ***

Emergency Overview

Surfactant components are eye irritants.

Potential Health Effects: Eyes

This product may cause eye irritation.

Potential Health Effects: Skin

None.

Potential Health Effects: Ingestion

If swallowed, seek medical attention.

Potential Health Effects: Inhalation

Mists generated during manufacturing may irritate nasal passages.

HMIS Ratings: Health: 2 Fire: 0 Reactivity: 0 Pers. Prot.: None required.

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

*** Section 3 - Composition / Information on Ingredients ***

CAS #	Active Ingredient
3380-34-5	Triclosan

Component Information/Information on Non-Hazardous Components

This antimicrobial hand cleaner is regulated by the US Food and Drug Administration as an "Over The Counter" topical antimicrobial drug product. The identified Active Ingredient* is listed in FDA's 1994 Tentative Final Monograph: "Topical Antimicrobial Drug Products for Over The Counter Human Use...". As an FDA regulated product, the final components are exempt from US TSCA chemical registration regulations. This product is not DOT transport regulated.

See container label regarding proper handling and use of this product.

Ingredients are listed in descending order of concentration on the container label.

For OSHA workplace hazards, investigate and read and understand component MSDS's before manufacturing. Workplace Hazardous Materials Information System (WHIMS-Canada): Exempt-cosmetic hand cleaner.

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

First Aid: Eyes

In case of contact, immediately flush eyes with large amounts of water, continuing to flush for 15 minutes. If irritation persists get medical attention.

First Aid: Skin

None.

First Aid: Ingestion

If material is swallowed, get medical attention or advice.

First Aid: Inhalation

None.

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

General Fire Hazards

None.

Upper Flammable Limit (UFL): Not determined

Lower Flammable Limit (LFL): Not determined

Method Used: Not Applicable

Flash Point: Not Determined

Flammability Classification: Not flammable

Auto Ignition: Not determined

Hazardous Combustion Products

Sulfur dioxide, hydrogen sulfide, nitrous oxides and ammonia by-products.

Extinguishing Media

Dry chemical, alcohol-resistant foam, or water spray/fog.

Fire Fighting Equipment/Instructions

Firefighters should wear full-face, self contained breathing apparatus and impervious protective clothing.

Firefighters should avoid inhaling any combustion products.

NFPA Ratings: Health: 2 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. Flush small residuals to the drain for normal biological wastewater treatment.

Evacuation Procedures

None.

Special Procedures

None.

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

Handling Procedures

Spilled material may cause slippery conditions. Clean up promptly.

Storage Procedures

Store in cool well ventilated area. Store in tightly closed container away from heat and oxidizing agents.

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

Exposure Guidelines

A: General Product Information

FDA regulated.

For OSHA workplace hazards, investigate and read and understand component MSDS's before manufacturing.
Workplace Hazardous Materials Information System (WHIMS-Canada): Exempt-cosmetic hand cleaner.

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: Clear, colorless	Odor: odorless
Physical State: liquid	pH: 5.0 – 5.5
Vapor Pressure: 17mm Hg @ 20°C	Vapor Density: Not Established
Boiling Point: >212°F	Melting Point: Not Established
Solubility (H2O): Soluble	Specific Gravity: 1.0 gm/cc ³
Evaporation Rate: <1 (Butyl acetate =1)	Flash Point: Not Applicable

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

Chemical Stability

Stable under usual application conditions.

Chemical Stability: Conditions to Avoid

None identified.

Incompatibility

Avoid strong oxidizing agents. This product may react with strong acids.

Hazardous Decomposition

Sulfur dioxide, hydrogen sulfide, nitrous oxides, ammonia by-products.

Hazardous Polymerization

Hazardous polymerization will not occur.

*** Section 11 - Toxicological Information ***

Acute and Chronic Toxicity

A: General Product Information

Surfactant components may cause eye irritation.

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B: Acute Toxicity-LD50/LC50

Triclosan (3380-34-5)

LD50:	Oral LD50 Rat: 3700 mg/kg; Dermal LD50 Rabbit: 9300 mg/kg
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1,2-Propylene glycol (57-55-6)

LD50:	Oral LD50 Rat: 20000 mg/kg; Dermal LD50 Rabbit: 20800 mg/kg
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Carcinogenicity

A: General Product Information

Not listed by ACGIH, IARC, NIOSH, NTP OR OSHA.

B: Component Carcinogenicity

No information is available.

Other Toxicological Information

None.

*** Section 12 - Ecological Information ***

Ecotoxicity

A: General Product Information

No information available.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

1,2-Propylene glycol (57-55-6)

96 Hr LC50 Oncorhynchus mykiss: 51600 mg/L [static]; 96 Hr LC50 Pimephales promelas: 51400 mg/L [static]

Environmental Fate

No information available.

*** Section 13 - Disposal Considerations ***

US EPA Waste Number & Descriptions

A: General Product Information

Controlled release of diluted product into a biological wastewater treatment plant.

B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

*** Section 14 - Transportation Information ***

International Transportation Regulations

This product is not regulated as a hazardous material by the United States (DOT) or Canadian (TDG) transportation regulations.

*** Section 15 - Regulatory Information ***

US Federal Regulations

A: General Product Information

This antimicrobial hand cleaner is regulated by the US Food and Drug Administration as an "Over The Counter" topical antimicrobial drug product. The identified Active Ingredient, Triclosan, is listed in FDA's 1994 Tentative Final Monograph: "Topical Antimicrobial Drug Products for Over The Counter Human Use....". As an FDA regulated product, the final components are exempt from US TSCA chemical registration regulations. This product is not DOT transport regulated. Not subject to TSCA regulation.

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B: Clean Air Act

No information is available.

C: Component Analysis

No information is available.

State Regulations

A: General Product Information

None identified.

B: Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS #	CA	FL	MA	MN	NJ	PA
1,2-Propylene glycol	57-55-6	No	No	No	Yes	No	Yes

Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Triclosan	3380-34-5	Yes	DSL	EINECS
1,2-Propylene glycol	57-55-6	Yes	DSL	EINECS

*** Section 16 - Other Information ***

Other Information

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.

MSDS History

This is a revised MSDS. Section's 2 & 3 have been revised to reflect proposed 2004 ANSI Standards format recommendations for 2007 implementation.

Contact: Product Compliance Officer

Contact Phone: (800) 242-2271

This is the end of MSDS ID: SK-173B