

Material Safety Data Sheet

MSDS ID: SK-132B

***** Section 1 - Chemical Product and Company Identification *******Product Name: CliniShield® Health Care Personnel Hand Wash with 1% Triclosan****Product Use:** Antimicrobial Skin Cleansing**Manufacturer Information****Evonik Stockhausen, Inc.**
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)***** Section 2 - Hazards Identification *******Emergency Overview**

Handle as eye irritant.

Potential Health Effects: Eyes

Eye contact: Reddening of the affected area with possible itching, burning or other discomfort.

Potential Health Effects: Skin

Testing by the manufacturer yielded results that showed satisfactory compatibility with skin, however, due to individual sensitivity to chemicals, there is a need to be alert for adverse signs of exposure.

Potential Health Effects: Ingestion

If victim is conscious, rinse mouth with water, give two glasses of water and induce vomiting. Get medical attention.

Potential Health Effects: Inhalation

No adverse effects expected with intended use as a hand cleaner.

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 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 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

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

General Fire Hazards

No unusual hazards.

Upper Flammable Limit (UFL): Not determined

Lower Flammable Limit (LFL): Not determined

Method Used: Estimated

Flash Point: >200°F

Flammability Classification:

Auto Ignition: Not determined

Hazardous Combustion Products

On thermal decomposition, oxides of carbon, sulfur and nitrogen.

Extinguishing Media

Dry chemical, foam, carbon dioxide and water spray.

Fire Fighting Equipment/Instructions

No special fire fighting equipment required.

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. Flush small residuals to the drain for normal biological wastewater treatment.

Evacuation Procedures

None.

Special Procedures

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

Handling Procedures

Contains surfactants. Handle as an eye irritant.

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Storage Procedures

Store in tightly closed container away from heat and oxidizing agents. Prevent freezing. Keep out of reach of children.

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

Exposure Guidelines

A: General Product Information

OSHA exempt: FDA regulated.

B: Component Exposure Limits

For OSHA workplace hazards, investigate, read, understand and train workers on component exposure information found in component MSDS's before manufacturing.

Engineering Controls

None necessary.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Safety goggles for bulk handling.

Personal Protective Equipment: Skin

None.

Personal Protective Equipment: Respiratory

Not required for normal product end use.

Personal Protective Equipment: General

Obey reasonable safety precautions and practice good housekeeping.

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

Appearance: Clear, golden colored	Odor: Perfume fragrance
Physical State: Liquid	pH: 5.3 – 6.3
Vapor Pressure: Not Established	Vapor Density: Not Established
Boiling Point: >212°F	Melting Point: Not Established
Solubility (H2O): Soluble in water	Specific Gravity: 1.0 g/cc ³
	Flash Point: >200°F (estimated)

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

Chemical Stability

Stable under usual application conditions.

Chemical Stability: Conditions to Avoid

Oxidizing agents

Incompatibility

Strong oxidizing agents.

Hazardous Decomposition

Oxides of carbon, nitrogen and sulfur.

Hazardous Polymerization

Hazardous polymerization will not occur.

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*** Section 11 - Toxicological Information ***

Acute and Chronic Toxicity

A: General Product Information

Active Component information

Triclosan (3380-34-5)

LD50: Oral LD50 Rat: 3700 mg/kg; Dermal LD50 Rabbit: 9300 mg/kg

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

Ethanolamine (141-43-5)

96 Hr LC50 Pimephales promelas: 227 mg/L [flow-through]; 96 Hr LC50 *Brachydanio rerio*: 3684 mg/L [static]; 96 Hr LC50 *Lepomis macrochirus*: 329.16 mg/L [static]; 96 Hr LC50 *Oncorhynchus mykiss*: 150 mg/L [static]

C. 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

Not subject to TSCA regulation. Regulated as a personal use cosmetic by FDA.

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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
Ethanolamine	141-43-5	Yes	No	Yes	Yes	Yes	Yes

Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Ethanolamine	141-43-5	Yes	DSL	EINECS
Triclosan (< 1%)	3380-34-5	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.

1/14/09 Reviewed with no changes.

Contact: Product Compliance Officer

Contact Phone: (800) 242-2271

This is the end of MSDS #: SK-132B