

Material Safety Data Sheet

Material Name: CliniShield Instant Hand Sanitizer

MSDS ID: SK-135

***** Section 1 - Chemical Product and Company Identification *******Chemical Name:** CliniShield Instant Hand Sanitizer**Product Use:** Skin Cleansing**Manufacturer Information****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 *******Component Information/Information on Non-Hazardous Components**

This antimicrobial hand sanitizer is regulated by the US Food and Drug Administration and in Canada as an "Over-The-Counter" topical antimicrobial drug product. The active ingredient, ethyl alcohol, is listed in FDA's 1995 tentative Final Monograph: "Topical Antimicrobial Drug products for Over-The-Counter Human Use...". as a FDA and Canadian drug regulated product, the final components are exempt from US TSCA and Canadian DSL chemical registration regulations. This product is transport regulated as: ORM-D with a package limitation maximum of 30 liters (7.9 gallons).

***** Section 3 - Hazards Identification *******Emergency Overview**

Components ethanol and isopropanol are severe eye irritants, resulting in corneal injury if not removed immediately. Prolonged inhalation may cause headache, eye, nose and throat irritation, with possible central nervous system effects:depressant. Ingestion may cause birth defects (teratogen).

Potential Health Effects: Eyes

This product is irritating to the eyes and respiratory system.

Potential Health Effects: Skin

None.

Potential Health Effects: Ingestion

Seek medical attention.

Potential Health Effects: Inhalation

This product is irritating to the eyes and respiratory system.

HMIS Ratings: Health: 2 Fire: 3 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, 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

If inhaled, immediately remove the affected person to fresh air.

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

Flash Point: 68 F

Upper Flammable Limit (UFL): 19%

Auto Ignition: Not determined

General Fire Hazards

Component ethyl alcohol is highly flammable and a dangerous fire hazard when exposed to heat and/or flames. This product is a moderate fire hazard and explosion hazard when exposed to heat and/or flame.

Hazardous Combustion Products

On thermal decomposition: oxides of carbon.

Extinguishing Media

Dry chemical, foam, carbon dioxide, water fog.

Fire Fighting Equipment/Instructions

Fire fighters should wear full-face, self contained breathing apparatus and impervious protective clothing. Fire fighters should avoid inhaling any combustion products.

NFPA Ratings: Health: 2 Fire: 3 Reactivity: 0

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

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

Containment Procedures

Contain and remove all sources of ignition. Wear appropriate protective gear. Collect using suitable absorbent if needed.

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

Treat as moderate fire and explosion hazard.

Special Procedures

Caution: Flammable material. Store in an appropriate hazardous materials storage facility.

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

Handling Procedures

Avoid eye contact and prolonged inhalation of vapors. Avoid prolonged contact with sensitive skin. Do not ingest.

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.

Engineering Controls

None required for intended use.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Avoid eye contact.

Personal Protective Equipment: Skin

Avoid prolonged contact with sensitive skin.

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Personal Protective Equipment: Respiratory

Avoid prolonged inhalation of vapors.

Personal Protective Equipment: General

Obey reasonable safety precautions and practice good housekeeping.

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

Appearance:	Clear, colorless gel	Odor:	perfume fragrance
Physical State:	gel	pH:	
Vapor Pressure:	ethanol comp. 40 mm Hg	Vapor Density:	1.6 (Air = 1)
Boiling Point:	AS ethanol: 78 C	Melting Point:	
Solubility (H2O):		Specific Gravity:	0.9

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

Chemical Stability

Stable under usual application conditions.

Chemical Stability: Conditions to Avoid

None.

Incompatibility

Oxidizers, including chlorine bleach and hydrogen peroxide. Acids, platinum and silver.

Hazardous Decomposition

On thermal decomposition oxides of carbon.

Hazardous Polymerization

Hazardous polymerization will not occur.

*** Section 11 - Toxicological Information ***

Acute and Chronic Toxicity

Ethyl alcohol is irritating to the eyes, nose and respiratory system at very high vapor concentrations. Repeated ingestion of ethyl alcohol may result in liver damage.

Carcinogenicity

Ingestion may cause birth defects (teratogen).

Other Toxicological Information

None.

*** Section 12 - Ecological Information ***

Ecotoxicity

A: General Product Information

No information available.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

No information available.

Environmental Fate

No information available.

*** Section 13 - Disposal Considerations ***

US EPA Waste Number & Descriptions

A: General Product Information

This material is a hazardous waste by the EPA definition of flammability.

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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 ***

US DOT Information

Shipping Name: Additional Info.:

International Transportation Regulations

This product is transport regulated as: ORM-D with a package size limitation maximum of 30 liters (7.9 gallons).

*** Section 15 - Regulatory Information ***

US Federal Regulations

A: General Product Information

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

B: Component Marine Pollutants

This material has not been analyzed.

State Regulations

A: General Product Information

None identified.

B: Component Analysis - State

None of this product's components are listed on the state lists from CA, FL, MA, MN, NJ, or PA.

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause reproductive/developmental effects.

Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

Additional Regulatory Information

*** Section 16 - Other Information ***

Other Information

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use.

Key/Legend

Contact: Product Safety Compliance Officer

Contact Phone: (336) 242-2271

This is the end of MSDS # SK-135