



# Material Safety Data Sheet

MSDS ID: SK-117D

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

**Product Name: KRESTO®**

Product # 4-1362

Product Use: Hand Cleanser

### 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)

Emergency telephone numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving the product. All Non-emergency questions should be directed to the Toll Free, Non-Emergency number above.

## \*\*\* Section 2 - Hazards Identification \*\*\*

### Emergency Overview

No particular hazards known.

### Potential Health Effects: Eyes

This product may cause slight irritation to the eyes.

### Potential Health Effects: Skin

None.

### Potential Health Effects: Ingestion

Seek medical attention.

### Potential Health Effects: Inhalation

Prolonged inhalation may cause irritation and respiratory tract discomfort.

HMIS Ratings: Health: 1 Fire: 1 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 \*\*\*

### Component Information/Information on Non-Hazardous Components

This product is a cosmetic intended for personal use in the workplace and is thus regulated by FDA.

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.

Toxic Substances Control Act (TSCA): Exempt

Workplace Hazardous Materials Information System (WHMIS-Canada): Exempt-cosmetic hand cleanser

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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**

Intended as a cosmetic hand cleaner.

**First Aid: Ingestion**

If material is swallowed, get medical attention or advice.

**First Aid: Inhalation**

If symptoms are experienced, remove source of contamination or move victim to fresh air.

### \*\*\* Section 5 - Fire Fighting Measures \*\*\*

**General Fire Hazards**

None.

**Upper Flammable Limit (UFL):** Not determined

**Lower Flammable Limit (LFL):** Not determined

**Method Used:** Estimated

**Flash Point:** >200°F

**Flammability Classification:** Not Determined

**Auto Ignition:** Not determined

**Hazardous Combustion Products**

None identified.

**Extinguishing Media**

Dry chemical, foam, carbon dioxide, water fog.

**Fire Fighting Equipment/Instructions**

Firefighters should wear self-contained air supplied breathing apparatus in enclosed areas or in areas of heavy smoke or fumes.

**NFPA Ratings: Health: 1 Fire: 1 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**

Keep container closed. See container label for proper use.

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### Storage Procedures

Protect from freezing or extreme heat.

### \*\*\* 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.

##### 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

Not required for product end use.

##### Personal Protective Equipment: General

Obey reasonable safety precautions and practice good housekeeping.

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

<p><b>Appearance:</b> Viscous off-white liquid</p> <p><b>Physical State:</b> liquid (Emulsion)</p> <p><b>Vapor Pressure:</b> 0.07 mm Hg</p> <p><b>Boiling Point:</b> &gt;212 °F</p> <p><b>Solubility (H2O):</b> approximately 25% soluble in water</p> <p><b>Evaporation Rate:</b> &lt;1</p>	<p><b>Odor:</b> perfume fragrance (0.1-1%)</p> <p><b>pH:</b> 6.0 - 7.0</p> <p><b>Vapor Density:</b> Not Established</p> <p><b>Melting Point:</b> 32° F</p> <p><b>Specific Gravity:</b> 1.05 g/cc<sup>3</sup></p> <p><b>Flash Point:</b> &gt;200°F (Estimated)</p> <p><b>Percent Volatile:</b> 0% (Federal); LVP-VOC only (California)</p>
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### \*\*\* 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.

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### \*\*\* Section 11 - Toxicological Information \*\*\*

**Acute and Chronic Toxicity****A: General Product Information**

Adverse effects on human health are not to be expected in normal use.

**B: Acute Toxicity-LD50/LC50**

No LD50/LC50's are available for this product's components.

**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**

No information available.

**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 regulated under the Clean Air Act, Not subject to TSCA regulation. Regulated as a personal use cosmetic by FDA.

**B: Clean Air Act**

No information is available.

**C: Component Analysis**

No information is available.

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**D: Food & Drug Administration**

None of the components in this product are listed by the FDA under regulations for Direct and Indirect Food Additives.

**State Regulations**

**A: General Product Information**

California: Volatiles are LVP -VOC's, fragrance is <2% exempt.

**B: Component Analysis - State**

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

**Component Analysis - WHMIS IDL**

Bronopol @ < 0.1% (CAS # 52-51-7) is listed in the WHMIS IDL.

**\*\*\* 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.

**Key/Legend**

LVP-VOC: Low Vapor Pressure -Volatile Organic Compound (California)

**Contact:** Product Compliance Officer

**Contact Phone:** (800) 242-2271

This is the end of MSDS #: SK-117D