

Material Safety Data Sheet

MSDS ID: SK-160B

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

Product Name: REDURAN® SPECIAL

Product Use: Skin Cleansing

Company Contact Information

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)

General Comments

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**

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. This product may cause slight irritation to the eyes. This is a consumer product and is TSCA exempt.

Potential Health Effects: Eyes

This product may be to the eyes.

Potential Health Effects: Skin

None identified.

Potential Health Effects: Ingestion

Seek 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 *******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 (WHIMS-Canada): Exempt-cosmetic hand cleaner

Material Safety Data Sheet

REDURAN(r) SPECIAL

MSDS ID: SK-160B

*** 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

None identified.

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

General Fire Hazards

Not considered a fire hazard.

Upper Flammable Limit (UFL): Not determined

Lower Flammable Limit (LFL): Not determined

Method Used: DIN 51758

Flash Point: >100°C

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, 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:** 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 identified.

Special Procedures

None identified.

Material Safety Data Sheet

REDURAN(r) SPECIAL

MSDS ID: SK-160B

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

Handling Procedures

Keep container closed. See container label for proper use.

Storage Procedures

Protect from freezing or excessive heat to prevent component separation. See container label for handling and storage information.

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

Exposure Guidelines

A: General Product Information

No particular exposure hazards known.

For OSHA workplace hazards, investigate and read and understand component MSDS's before manufacturing.

B: Component Exposure Limits for manufacturing workplace

CI 77891 (13463-67-7)

OSHA:	15 mg/m ³ TWA (total dust)
ACGIH:	10 mg/m ³ TWA

Engineering Controls

None necessary.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Avoid eye contact.

Personal Protective Equipment: Skin

None required.

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 ***

Appearance: Off white	Odor: Perfume fragrance
Physical State: Paste	pH: 9.0 – 10.0
Vapor Pressure: <26 mm Hg	Vapor Density: Not Established
Boiling Point: >100°C	Melting Point: Not Established
Solubility (H₂O): Disperses in water	Specific Gravity: 1.2 g/ml
Evaporation Rate: <1 (butyl acetate = 1)	Flash Point: >100°C

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

Chemical Stability

Stable under usual application conditions.

Chemical Stability: Conditions to Avoid

None identified.

Incompatibility

Strong acids, alkalis and oxidizers.

Material Safety Data Sheet

REDURAN(r) SPECIAL

MSDS ID: SK-160B

Hazardous Decomposition

None identified.

Hazardous Polymerization

Hazardous polymerization will not occur.

*** Section 11 - Toxicological Information ***

Acute and Chronic Toxicity

A: General Product Information

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

Carcinogenicity

A: General Product Information

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

B: Component Carcinogenicity for manufacturing workplace

Silica (112945-52-5)

IARC:	Monograph 68, 1997 (Listed under Amorphous silica)
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CI 77891 (13463-67-7)

ACGIH:	A4 - Not Classifiable as a Human Carcinogen
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IARC:	Monograph 47, 1989
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Other Toxicological Information

None.

*** Section 12 - Ecological Information ***

Ecotoxicity

A: General Product Information

No information available.

Environmental Fate

No information available.

*** Section 13 - Disposal Considerations ***

US EPA Waste Number & Descriptions

A: General Product Information

Absorb with inert material.

B: Component Waste Numbers

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

Disposal Instructions

Contain and collect for proper disposal. Disposal of large quantities should have a RCRA review

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

*** Section 14 - Transportation Information ***

International Transportation Regulations

Not regulated by as a hazardous material by the United State (DOT) or Canadian (TDG) transportation regulators.

Material Safety Data Sheet

REDURAN(r) SPECIAL

MSDS ID: SK-160B

*** Section 15 - Regulatory Information ***

US Federal Regulations

A: Clean Air Act

No information is available.

B: Component Analysis

No information is available.

C: Other information: FDA

This product is FDA regulated and use of this product in contact with direct or indirect food additives is not allowed.

State Regulations

A: General Product Information

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

Component	CAS #	CA	FL	MA	MN	NJ	PA
PEG-8	25322-68-3	No	No	No	Yes	No	No
Sodium Hydrosulfate	7775-14-6	No	No	Yes	No	Yes	Yes
Propylene Glycol	57-55-6	No	No	No	Yes	No	Yes
CI 77891	13463-67-7	No	No	Yes	Yes	Yes	Yes

Component Analysis - WHMIS IDL

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

Component	CAS #	Minimum Concentration
Propylene Glycol	57-55-6	1 %

Component Analysis - Inventory

All components, other than listed above are not regulated by TSCA and are WHIMS exempt.

*** 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 reflect Proposed August, 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-160B