

Material Safety Data Sheet

MSDS ID: SK-162A

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

Product Name: STOKO® UV SPF 30+ LOTION

Product Use: Sunscreen Lotion

Manufacturer 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)
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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 customer service number.

*** Section 2 - Hazards Identification ***

Emergency Overview

Consumer product: Lotion/Cream. This product may cause irritation to eyes. There are no flammable ingredients in this product.

Potential Health Effects: Eyes

This product may cause irritation to the eyes.

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

May be harmful if swallowed. As in any instance of non-food consumption, seek medical attention in the event of any adverse symptoms.

Potential Health Effects: Inhalation

Not an inhalation hazard under normal use conditions.

HMIS Ratings: Health: 1 Fire: 0 Reactivity: 0 Pers. Prot.: B
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

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

CAS #	Component	Percent
5466-77-3	Octinoxate (Octyl 4-Methoxycinnamate)	7.5
118-56-9	Homosalate	5
118-60-5	Octisalate	5
131-57-7	Oxbenzone (Benzophenone-3)	3

Component Information/Information on Non-Hazardous Components

All components of this product are on the International Cosmetic Ingredient Listing. This product is a cosmetic and thus subject to FDA regulations. Sunscreens are considered an OTC drug and therefore are regulated thus by FDA.

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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

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

First Aid: Eyes

Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.

First Aid: Skin

Testing by the manufacturer yielded results that showed satisfactory compatibility with skin. If desired, flush exposed area with copious amounts of mild soap and water. If completely immersed, remove contaminated clothing.

First Aid: Ingestion

If symptomatic, seek medical advice. May be harmful if swallowed in large quantity.

First Aid: Inhalation

No adverse effects expected with intended use.

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

General Fire Hazards

Upper Flammable Limit (UFL): Not Established

Lower Flammable Limit (LFL): Not Established

Method Used: Pensky-Martens Closed Cup Test (PMCC)

Flash Point: 380°F (193°C)

Flammability Classification: Not Established

Auto Ignition: Not Established

Hazardous Combustion Products

On thermal decomposition, oxides of carbon and nitrogen.

Extinguishing Media

Dry chemical, foam, carbon dioxide, or water spray/fog.

Fire Fighting Equipment/Instructions

Normal firefighting procedures require self-contained breathing apparatus and protective gear for any hostile fire.

NFPA Ratings:

Health: 1

Fire: 0

Reactivity: 0

Other: B

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

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

Containment Procedures

Contain spill with inert materials (sand, earth, absorbent). Shovel material into appropriate container for disposal in accordance with all local, state and federal requirements.

Clean-Up Procedures

Flush small residuals to the drain for normal biological wastewater treatment. Observe all applicable local, state and federal waste management regulations.

Evacuation Procedures

Isolate area. Keep unnecessary personnel away.

Special Procedures

None necessary.

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

Handling Procedures

Avoid eye contact.

Storage Procedures

Keep container tightly closed. Protect from freezing. Store in a cool dry location.

*** 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

Use local exhaust ventilation.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

If handling large quantities in an industrial setting, wear safety glasses with side shields or goggles. Avoid eye contact.

Personal Protective Equipment: Skin

In the manufacturing environment or if a large spill occurs, use impervious gloves when handling the concentrate product.

Personal Protective Equipment: Respiratory

Avoid prolonged inhalation of vapors. If ventilation is not sufficient to effectively prevent buildup of vapor or mist, appropriate NIOSH/OSHA respiratory protection must be provided.

Personal Protective Equipment: General

None identified.

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

Appearance: Lotion/Cream	Odor: Fresh clean
Physical State: Lotion/Cream	pH: Not Established
Vapor Pressure: Not Established	Vapor Density: >1 (Air=1)
Boiling Point: 101°C	Melting Point: Not Established
Solubility (H2O): Partially soluble	Specific Gravity: 0.981 g/cc ³
	Flash Point: 380°F (193°C) (PMCC)

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

Chemical Stability

This is a stable material.

Chemical Stability: Conditions to Avoid

None identified.

Incompatibility

Avoid contact with strong oxidizers.

Hazardous Decomposition

At thermal decomposition temperatures carbon monoxide, carbon dioxide, and oxides of nitrogen.

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Hazardous Polymerization

Hazardous polymerization will not occur.

*** Section 11 - Toxicological Information ***

Acute and Chronic Toxicity

A: General Product Information

None identified.

B: Acute Toxicity-LD50/LC50

Oxybenzone (131-57-7)

LD50:	Oral LD50 Rat: 7400 mg/kg
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Carcinogenicity

A: General Product Information

This material is not listed as a carcinogen by IARC, NTP or OSHA.

B: Component Carcinogenicity

No information is available.

Chronic Toxicity

No information available.

*** 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

No EPA waste numbers are applicable for this product's components.

B: Component Waste Numbers

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

Disposal Instructions

Dispose of in accordance with Local, State and Federal regulations.

*** Section 14 - Transportation Information ***

International Transportation Regulations

Not transportation regulated: Non-hazardous material.

*** Section 15 - Regulatory Information ***

US Federal Regulations

A: General Product Information

This product is a cosmetic and OTC Drug, thus is subject to FDA regulations. All components of this product are on the International Cosmetic Ingredient Listing.

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B: Clean Air Act

No information is available.

C: Component Analysis

No information is available.

Component Analysis - State

None of this product's components listed in Section 2 are on the state lists from CA, FL, MA, MN, NJ, or PA.

Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Octinoxate	5466-77-3	Yes	DSL	EINECS
Octisalate	118-60-5	Yes	DSL	EINECS
Homosalate	118-56-9	Yes	DSL	EINECS
Oxybenzone	131-57-7	Yes	DSL	EINECS

*** Section 16 - Other Information ***

Other Information

The information provided in this 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: SK-162A