

Material Safety Data Sheet

IVY BLOCK LOTION

SK-138

***** Section 1 - Chemical Product and Company Identification *******Chemical Name:** IVY BLOCK LOTION**Product Use:** Skin Protection**Manufacturer Information**EnviroDerm Pharmaceuticals Inc.
PO Box 32370
Louisville, KY 40232

Phone: (502)634-7700

Distributor/Contact InformationStockhausen Inc.
2401 Doyle Street
Greensboro, NC 27406

Phone: (800) 242-2271

Emergency # (800) 424-9300

General Comments

The prevention of poison ivy, poison oak and poison sumac rash when applied before contact.

***** Section 2 - Composition / Information on Ingredients *****

CAS #	Component	Percent
64-17-5	Ethyl alcohol	25
68911-87-5	Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts with montmorillonite ((Al _{1.33} -1.67Mg _{0.33} -0.67)(Ca ₀ -1Na ₀ -1)O _{3.33} Si ₄ (OH) ₂ O ₁₀ .xH ₂ O))	5

Component Information/Information on Non-Hazardous Components

This sunscreen product is regulated by the US Food and Drug Administration as an "Over The Counter" sunscreen Drug Product Intended For Human Use. As a FDA regulated product, the ingredients are listed on each package and are not subject to US TSCA chemical registration regulations.

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

Health hazards may arise from ingestion, and/or contact with eyes.

Potential Health Effects: Eyes

This product causes eye irritation on contact.

Potential Health Effects: Skin

No adverse effects expected. Sensitive individuals may develop dryness or irritation.

Potential Health Effects: Ingestion

Large oral doses may cause vomiting, weakness, dizziness, confusion, and drowsiness. Repeated excessive exposures may cause kidney and liver effects.

Potential Health Effects: Inhalation

Exposure route unlikely. However, prolonged or repeated exposure to fumes or mist, such as in manufacturing, may cause irritation.

HMIS Ratings: Health: 1 Fire: 2 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 *****

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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

This product may cause skin irritation in sensitive individuals. If irritation or inflammation develops on skin after use, wash off with soap and water and contact your physician.

First Aid: Ingestion

May cause nausea, vomiting and diarrhea. If ingestion occurs, contact a physician or poison control center immediately.

First Aid: Inhalation

If inhaled, immediately remove the affected person to fresh air. Seek medical attention if cough or other symptoms develop.

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

Flash Point: >200° F

Upper Flammable Limit (UFL): Not Determined

Auto Ignition: Not determined

Method Used: PMCC

Lower Flammable Limit (LFL): Not Determined

Flammability Classification: 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.

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: 1 Fire: 2 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

None

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

Handling Procedures

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

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Storage Procedures

Store at ambient temperatures.

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

Exposure Guidelines

A: General Product Information

OSHA exempt: FDA regulated.

B: Component Exposure Limits

Ethyl alcohol (64-17-5)

OSHA: 1000 ppm TWA; 1900 mg/m³ TWA

ACGIH: 1000 ppm TWA

Engineering Controls

Good general ventilation should be sufficient to control airborne levels.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

If handling large quantities in an industrial setting, wear safety glasses with sideshields or goggles.

Personal Protective Equipment: Skin

Avoid prolonged contact with sensitive skin.

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: White or off-white
Physical State: liquid
Vapor Pressure: N/E
Boiling Point: >200° F
Solubility (H₂O): Soluble (90%)

Odor: Faint alcohol odor
pH: N/E
Vapor Density: N/E
Melting Point: N/E
Specific Gravity: 1.0 @ 25° C

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

Chemical Stability

Stable under usual application conditions.

Chemical Stability: Conditions to Avoid

None.

Incompatibility

None

Hazardous Decomposition

On thermal decomposition oxides of carbon.

Hazardous Polymerization

Hazardous polymerization will not occur.

*** Section 11 - Toxicological Information ***

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Acute and Chronic Toxicity

A: General Product Information

Contains denatured alcohol which will cause nausea, diarrhea and vomiting if ingested.

B: Acute Toxicity-LD50/LC50

Ethyl alcohol (64-17-5)

LD50: Inhalation LC50 Rat: 20000 ppm/10H
Inhalation LC50 Mouse: 39 gm/m3/4H
Oral LD50 Rat: 7060 mg/kg
Oral LD50 Mouse: 3450 mg/kg

Carcinogenicity

Component Carcinogenicity

Ethyl alcohol (64-17-5)

ACGIH: A4 - Not Classifiable as a Human Carcinogen

Other Toxicological Information

None.

* * * Section 12 - Ecological Information * * *

Ecotoxicity

A: General Product Information

No information available.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

Ethyl alcohol (64-17-5)

96 Hr LC50 rainbow trout (30 days old): 12900 mg/L
24 Hr LC50 fingerling trout: 11200 mg/L
96 Hr LC50 fathead minnow: 14200 mg/L (flow-through)

Environmental Fate

No information available.

* * * Section 13 - Disposal Considerations * * *

US EPA Waste Number & Descriptions

A: General Product Information

While not considered a hazardous waste in finished product form, all recovered material should be packaged and properly labeled. Consult applicable local, state, and federal regulations to select proper method of disposal.

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: Consumer Commodity

Hazard Class: ORM-D

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Additional Info.: Regulatory relief is available for limited quantity materials that are intended to retail sale as a consumer commodity. When packaged for retail sale, IVEYBLOCK is reclassified as ORM-D. If shipped in larger packages or packages not intended for retail sale, other DOT classification and requirements would apply.

*** 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 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
Ethyl alcohol	64-17-5	Yes	Yes	Yes	Yes	Yes	Yes

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

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

Component	CAS #	Minimum Concentration
Ethyl alcohol	64-17-5	0.1%; English Item 684; French Item 805

Additional Regulatory Information

Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Ethyl alcohol	64-17-5	Yes	DSL	EINECS
Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts with montmorillonite ((Al1.33-1.67Mg0.33-0.67)(Ca0-1Na0-1)0.33Si4(OH)2O10.xH2O))	68911-87-5	Yes	DSL	EINECS

*** 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 Compliance Officer

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Contact Phone: (800) 242-2271