

Material Safety Data Sheet

MSDS ID: SK-138B

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

Product Name: IVY BLOCK LOTION

Product Use: Skin Protection

Manufacturer Information

Hylands, Inc. PO Box 61067 Los Angeles, CA 90061	Phone: (800)-624-9659
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Distributor 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

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

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

When used according to package instructions, this product is safe and presents no immediate or long-term health hazards. However, exposure to large quantities (as in a manufacturing setting), misuse or abnormal entry routes may pose health risks. Causes eye irritation.

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

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*** Section 3 - 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 ((Al1.33-1.67Mg0.33-0.67)(Ca0-1Na0-1)0.33Si4(OH)2O10.xH2O))	5

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

*** 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

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

If ingestion occurs, seek medical advice.

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 ***

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.

Upper Flammable Limit (UFL): Not Determined

Lower Flammable Limit (LFL): Not Determined

Method Used: PMCC

Flash Point: >74°F – 79°F

Flammability Classification: Not Determined

Auto Ignition: Not determined

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

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*** 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. Keep this product from heat, sparks, or open flame.

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/m ³ 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.

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

Appearance: White or off-white
Physical State: liquid
Vapor Pressure: Not Established
Boiling Point: >200° F
Solubility (H2O): Soluble (90%)

Odor: Faint alcohol odor
pH: Not Established
Vapor Density: Not Established
Melting Point: Not Applicable
Specific Gravity: 1.0 @ 25° C
Flash Point: 74°F – 79°F (PMCC)

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

Chemical Stability

Stable under usual application conditions.

Chemical Stability: Conditions to Avoid

Heat, flame, other sources of ignition.

Incompatibility

None

Hazardous Decomposition

On thermal decomposition oxides of carbon.

Hazardous Polymerization

Hazardous polymerization will not occur.

*** Section 11 - Toxicological Information ***

Acute and Chronic Toxicity

A: General Product Information

When used according to package instructions this product is safe and presents no immediate or long-term health hazards. However, exposure to large quantities (as in a manufacturing setting), misuse or abnormal entry routes may pose health risks.

B: Acute Toxicity-LD50/LC50

Ethyl alcohol (64-17-5)

LD50: Inhalation LC50 Rat: 124.7 mg/L/4H; Oral LD50 Rat: 1501 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 *Oncorhynchus mykiss*: 12900 mg/L [flow-through] (30 days old); 96 Hr LC50 *Pimephales promelas*: 14.2 mg/L

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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 ***

International Transportation Regulations

US Department of Transportation (D.O.T.)

This product has a flash point greater than 24°C (75°F) and is therefore classified as a Packing Group III. Consumer product. Exempt from D.O.T. regulations as long as the volume in each package does not exceed five (5) liters.

This product may be classified as a "Consumer Commodity" ORM-D.

IATA

If shipped by air, this DOT ORM-D classification does not apply and the product must be shipped as a flammable material:

Shipping name:	Ethyl Alcohol, solution
UN/NA#:	1170
Hazard Class:	3
Packing Group:	III
Required Label(s):	Flammable

Canada:

TDG exempt

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

*** 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: Clean Air Act

No information is available.

Acute Health: None

Chronic Health: Yes,

Fire: Yes Pressure Generating: No reactivity.

C: Component Analysis

No information is available.

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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	No	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 %

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

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.

Contact: Product Compliance Officer

Contact Phone: (800) 242-2271

This is the end of MSDS ID: SK-138B