



SAFETY DATA SHEET

Last Updated: 9/14/2015
Zilactin® Early Relief Cold Sore Gel

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Section 1: Identification

Product Name: Zilactin® Early Relief Cold Sore Gel
Product Number: B4680 (0.25oz.), B7102 (0.4g), B3680 (6g)
NDC Number: NA, NA, NA
UPC Number: 0-5124-46802, 6-24558-87102-0, NA
Company Identification: Blairex Laboratories, Inc.
Address: P.O Box 2127
Columbus, IN 47202-2127
Phone: 812-372-2607 (8AM – 4PM) **Fax:** 812-372-1033 (8AM – 4PM)
Emergency Phone: 800-252-4739 (24 hour) **Web:** <http://www.blairex.com>
NA = Not applicable

Section 2: Hazard(s) identification

HMIS Rating:

	Personal Protection:					
Health:	1	Flammability:	4	Reactivity:	1	
HMIS Definitions:						
Health (blue)	*	0	1	2	3	4
Fire Hazard (red)	Chronic Hazard	Minimal Hazard	Slight Hazard	Moderate Hazard	Serious Hazard	Severe Hazard
Reactivity (yellow)		Minimal Hazard	Slight Hazard	Moderate Hazard	Serious Hazard	Severe Hazard

NFPA Rating:

Health:	1	Fire Hazard:	4	Reactivity:	1	Specific Hazard:
NFPA Definitions:	0	1	2	3	4	
Health (blue)	Normal material	Slightly hazardous	Hazardous	Extreme danger	Deadly	
Fire Hazard (red) [Flash point]	Will not burn	Above 200°F/93°C	Below 200°F/93°C	Below 100°F/38°C	below 73°F/23°C	
Reactivity (yellow)	Stable	Unstable if heated	Violent chemical reaction	Shock or heat may detonate	May detonate	
Specific Hazard (white)	OXY – oxidizer RAD – Radiation hazard	ACID – Acid ALK – Alkali	COR – Corrosive W – Use no water			

Potential Acute Health Effects

INHALATION Not a significant route of exposure. Unlikely to occur from intended use.
INGESTION This material has minimal oral toxicity. Ingestion of this material may cause slight diarrhea.
SKIN CONTACT No effects expected.



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EYE CONTACT May cause irritation and redness in the eyes.
NE

Potential Chronic Health Effects

INHALATION NE
INGESTION NE
SKIN CONTACT NE
EYE CONTACT NE

CONDITIONS GENERALLY
AGGRAVATED BY EXPOSURE NE

	OSHA	ACGIH	IARC	NTP
CARCINOGENITY	No	No	No	No

NE = Not evaluated

Section 3: Composition/information on ingredients

Ingredient	CAS Number	OSHA-PEL			ACI/TLV		
		TWA	STEL	Ceiling	TWA	STEL	Ceiling
SDA 37 Alcohol (Ethanol)	64-17-5	1000 ppm (% wt)					
		or 1900 mg/m ³ (% vol)	NA	NA	NA	NA	NA

NA = Not applicable

Section 4: First-Aid measures

INHALATION FIRST AID	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician. Exposed persons should be kept under medical observation for 48 hours, as delayed effect may occur.
INGESTION FIRST AID	Treat symptomatically. Not expected to be toxic.
SKIN CONTACT FIRST AID	Wash skin with soap and water. Remove contaminated clothing. Wash clothing before reuse. Obtain medical attention if irritation persists.
EYE CONTACT FIRST AID	Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Cold water may be used. Get medical attention if discomfort persists.

NE = Not evaluated

Section 5: Fire-fighting measures



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FLAMMABLE PROPERTIES:	Flammable liquid
FLASH POINT (METHOD)	~ 60°F (Closed Cup)
FLAMMABLE LIMITS IN AIR, % by volume:	NE
AUTO IGNITION TEMPERATURE:	NE
EXTINGUISHING MEDIA:	Dry chemical foam, CO ₂
FIRE & EXPLOSION HAZARDS	Product is flammable and can produce flammable vapor under appropriate conditions.

NE = Not evaluated
NA = Not applicable

Section 6: Accidental release measures

PERSONAL PRECAUTIONS:	Use caution when walking on spilled product.
SPILLS PROCEDURE:	Flush with water.
ENVIRONMENTAL PRECAUTIONS:	NE

NE = Not evaluated

Section 7: Handling and storage

RECOMMENDED STORAGE CONDITIONS:	Store in original containers. Store at 15°C - 30°C (59°F - 86°F)
HANDLING:	Handle carefully. Do not puncture containers.

NE = Not evaluated

Section 8: Exposure controls/personal protection

RESPIRATORY PROTECTION:	No respiratory protection needed under normal use conditions
SKIN PROTECTION:	No skin protection needed under normal use conditions
EYE PROTECTION:	Safety glasses should be worn
WORK/HYGIENIC PRACTICES:	Follow good hygienic work practices. Avoid eye contact. Promptly clean up all spills.

Section 9: Physical and chemical properties

Physical State:	Gel
Odor:	Mild alcoholic odor
Color:	Amber
Specific Gravity:	0.895 - 0.915
Vapor Pressure:	NE
Vapor Density:	NE
Evaporation Rate:	NE
Boiling Point:	80°C/176°F (Ethanol)
Melting Point:	NE
pH:	NE

NE = Not evaluated



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Section 10: Stability and reactivity

Stability: Stable
Decomposition Products: NE
Polymerization: Will not polymerize
Incompatibility: No known incompatibilities
Conditions to Avoid: Extreme heat or sun
NE = Not evaluated

Section 11: Toxicological information

Routes of Entry: Ingestion, eye contact, skin contact
Toxicity to Animals: NE
Chronic Effects on Humans: NE
Other Toxic Effects on Humans: NE
Special Remarks on Animal Toxicity: NE
Special Remarks on Chronic Effects on Humans: NE
Special Remarks on other Toxic Effects on Humans: NE
NE = Not evaluated
NA = Not applicable

Section 12: Ecological information

No data available

Section 13: Disposal considerations

Dispose of material according to applicable federal, state, and local regulations.

Section 14: Transport information

Domestic (Land, D.O.T.)

Proper Shipping Name: Consumer Commodity
Hazard Class: ORM-D
ID Number: NA
Packing Group: NA

International (Water, IMDG)

Proper Shipping Name: Flammable liquid, n.o.s.
Hazard Class: 3
ID Number: UN1993
Packing Group: I

International (Air, ICAO)

Proper Shipping Name: Flammable liquid, n.o.s.



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Hazard Class: 3
ID Number: UN1993
Packing Group: I

Section 15: Regulatory information

US Federal Regulation

TSCA: All ingredients of this product are listed in the TSCA Inventory
OSHA: This product contains Tannic acid at more than 1.0% w/w, a chemical known to OSHA to be hazardous by definition of Hazardous Communication Standard (29 CFR 1910.1200)

State Regulations

CA Prop. 65: This product contains no ingredient known to the state of California to cause cancer, birth defects or other reproductive harm

International Regulations

All ingredients of this product are listed under EINECS, unless
EINECS: exempt from listing
WHMIS: Product contains no ingredients listed under WHMIS

Section 16: Other information, including date of preparation or last revision

Prepared by: Matthew Poselwait	Title: QC/QA Manager
Approved by: Tony Moravec	Title: President
Approval Date: 09/14/2015	Supersedes Date: 02/24/2009

The data in this Safety Data Sheet relates only to the specific material designated herein. It does not relate to the use in combination with any other material or in any process. This Safety Data Sheet (SDS) has been reviewed to fully comply with the guidance contained in the ANSI MSDS standard (ANSI Z400.1.1998).

The information herein is accurate to the best knowledge Applied Laboratories, Inc. at the time of publication. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. The user should determine how to use this information following federal, state, and local guidelines. No warranty, express or implied, is made for the fitness for use of this product in the user's operation.