

## CryoDerm® Pain Relieving Spray VKD0900

**SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**



1.1 Trade Name:	<b>CryoDerm® Pain Relieving Spray</b>
1.2 Product Code:	<b>VKD0900</b>
1.3 Supplier:	<b>AHC Ventures DBA CRYODERM</b> 5415 NW 24th St # 103 Margate, FL 33063
1.4 Emergency Telephone:	<b>(954)978-9290</b>
1.5 Product Description:	Topical Analgesic Lotion
1.6 Restrictions on Use:	<b>External Use Only</b>

**SECTION 2: HAZARDS IDENTIFICATION**

UN GHS

According to: UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

2.1 Pictograms (GHS-US):	Serious Eye Irritation Skin Irritation Acute Oral Toxicity Flammable Liquid	 	Category 2B Category 2 Category 4 Category 3
2.2 Signal Word:	<b>Warning</b>		
2.3 Hazard Statement(s):	H226: Flammable liquid and vapour. H302: May be Harmful if swallowed. H315: May be irritating to skin. H319: Causes serious eye irritation.		
2.4 Precautionary Statements Prevention (GHS-US):	P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking. P233: Keep container tightly closed. P264: Wash hands thoroughly after handling.		
2.5 Precautionary Statements Response (GHS-US):	P301 + P312: IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell. P330: Rinse mouth. Immediately call a POISON CENTER or doctor/physician. P302 + P352 IF ON SKIN (and a reaction occurs): wash with plenty of soap and water. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol resistant foam for extinction.		
2.6 Precautionary Statements Storage (GHS-US):	P403 + P235 Store in a well-ventilated place. Keep cool.		
2.7 Precautionary Statements: Disposal (GHS-US):	P501: Dispose of contents/container to local/regional/national/international regulations.		
2.8 HMIS Codes:	<b>Health: 1 Flammability: 2 Reactivity: 0</b>		
2.9 Hazards not otherwise classified (HNOC):	None		

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****§ INGREDIENTS CONSIDERED HAZARDOUS AS DEFINED BY 29CFR 1910.1200 APPENDIX D:**

Chemical Name	CAS N°:	EINECS N°:	Weight %
Ethanol	64-17-5	200-578-6	35 – 65%
Menthol	2216-51-5	218-690-9	10%

**SUBSTANCES:****REACH regulation (EC) N° 1907/2006:** No substances fulfill the criteria set forth in Annex II Section A.**US OSHA Classification (29CFR1910.1200):** Not Hazardous.**CHEMICAL CHARACTERIZATION:** Mixtures.**DESCRIPTION:** OTC Drug preparation; Topical Analgesic Lotion. Non-hazardous

This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use.

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**SECTION 4: FIRST AID MEASURES**

## 4.1 First Aid Measures for Different Exposure Routes:

<b>General Advice:</b>	Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
<b>Eye Contact:</b>	IF IN EYES: Thoroughly flush the eyes with large amounts of clean low-pressure water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation persists, seek medical attention.
<b>Skin Contact:</b>	For accidental and non-therapeutic exposures, immediately flush skin with large amounts of water. Remove contaminated clothing. If irritation (redness, rash, blistering) develops, get medical attention. If skin irritation occurs: Get medical advice/attention. Wash clothing separately before reuse.
<b>Ingestion:</b>	IF SWALLOWED: If victim is conscious and alert, Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. Get medical aid immediately.
<b>Inhalation:</b>	Remove person to fresh air. If signs/symptoms persist, seek medical attention. Give oxygen or artificial respiration as needed.
<b>Most Important Symptoms/Effects Acute and Delayed:</b>	Serious Eye Irritation. Skin Irritation.

## 4.2 Indication of immediate medical attention and special treatment needed, if necessary

<b>Other Information:</b>	Show this safety data sheet to the doctor in attendance.
<b>Note to Physician:</b>	This product contains 35 - 65% ethanol. Ingestion may result in intoxication. Symptoms will vary with alcohol level of blood. Mild alcohol intoxication occurs at blood levels between 0.05-0.15%. Approximately 25% of individuals show signs of intoxication at these levels. Above .015% the person is definitely under the influence of ethanol; 50-95% of individuals are clinically intoxicated at these levels. Above 0.5% the individual will be comatose and death can occur. The unabsorbed ethanol should be removed by gastric lavage after intubating the patient to prevent aspiration. Avoid the use of depressant drugs and administering excessive amounts of fluids.

**SECTION 5: FIREFIGHTING MEASURES**

5.1 Suitable Extinguishing Media:	SMALL FIRE: Use dry chemicals, CO <sub>2</sub> , water spray or alcohol resistant foam. LARGE FIRE: use water spray, water fog or alcohol resistant foam. Cool all affected containers with flooding quantities of water.
5.2 Unuitable Extinguishing Media:	None.
5.3 Special Hazards	(e.g., nature of any hazardous combustion products): Carbon monoxide is expected to be the primary hazardous combustion product.
5.4 Special protective equipment for fire-fighters:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Keep unopened containers cool by spraying with water.
5.5 Unusual Fire and Explosion Hazard:	May produce a floating fire hazard. Static ignition hazard can result from handling and use. Vapors May travel to source of ignition and flash back. Vapors May settle in low or confined spaces.

Alcohols burn with a pale blue flame which may be extremely hard to see under normal lighting conditions. Personnel may only be able to feel the heat of the fire without seeing the flames. Extreme caution must be exercised in fighting alcohol fires. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Cool containers with flooding quantities of water until well after fire is out. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank. Always stay away from tanks engulfed in fire.

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<b>Flammable Properties:</b>	
<b>Classification:</b>	OSHA/NFPA Class IB Flammable Liquid.
<b>Flash Point:</b>	24°C (75°F) - closed cup.
<b>Autoignition temperature:</b>	363° C (685°F) – (for 100% ethyl alcohol)

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

## 6.1 Personal Precautions, Protective Equipment, and Emergency Procedures:

Personal Precautions:	Do not inhale vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
Environmental precautions:	Stop leak. Contain spill if possible and safe to do so. Prevent product from entering drains.

## 6.2 Methods and Materials for Containment and Cleaning Up:

Methods for Containment:	Highly flammable liquid. Eliminate all sources of ignition. All equipment used when handling this product must be grounded. A vapor suppressing foam may be used to reduce vapors. Do not touch or walk through spilled material.
Methods for Cleaning Up:	Contain spillage, and then collect with non-combustible absorbent material. (eg. sand, earth, diatomaceous earth, vermiculite) and place in a container for disposal according to local/national regulations. Use clean, non-sparking tools to collect absorbed material.

**SECTION 7: HANDLING AND STORAGE**

7.1 Handling:	Use only in well ventilated areas. Do not breathe dusts, vapors or mists. Do not get in eyes, on skin, or on clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Use good safety and industrial hygiene practices.
7.2 Storage:	Keep tightly closed. Store at controlled room temperature 20°C/68°F ( excursions permitted to 15-30°C/59-86°F). Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Consult local fire codes for additional storage information.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Appropriate engineering controls:</b>	General room or local exhaust ventilation is usually required to meet exposure limit(s). Electrical equipment should be grounded and conform to applicable electrical code.
<b>Individual protection measures, such as personal protective equipment:</b>	
8.1 Respiratory Protection:	Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
8.2 Hand Protection:	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
8.3 Eye Protection:	Use chemical safety goggles and/or a full face shield where splashing is possible. Use equipment approved by appropriate government standards, such as NIOSH (US) or EN166 (EU). Maintain eye wash fountain and quick-drench facilities in work area.
8.4 Skin and Body Protection:	Choose body protection according to the amount and concentration of the dangerous substance at the work place.
8.5 Hygiene Measures:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

9.1 Appearance:	Clear Colorless to Light Yellow thin Liquid
9.2 Odor:	Menthol Peppermint Fragrance
9.3 Odor Threshold:	No data available.
9.4 pH @ 25°C:	3.0 – 4.0
9.5 Melting point/freezing point:	N/A / -114° C (-173° F) (for 100% ethyl alcohol)
9.6 Initial boiling point and boiling range:	78°C (173°F) (for 100% ethyl alcohol)
9.7 Flash point:	16°C (61°F) – Tag Closed cup
9.8 Evaporation rate:	No data available.
9.9 Flammability (solid, gas):	Flammable Liquid.
9.10 Upper/lower flammability or explosive limits:	19% (V) / 3.3%(V) (for 100% ethyl alcohol)
9.11 Vapor pressure @ 20°C:	59.5 kPa (44.6 mmHg) at 20°C (68°F) (for 100% ethyl alcohol)
9.12 Vapor density:	1.6 (for 100% ethyl alcohol)
9.13 Specific Gravity:	0.900 – 0.915
9.14 Solubilities:	Miscible.
9.15 Partition coefficient: n-octanol/water:	Not applicable.
9.16 Auto-ignition temperature:	363°C (685.4°F) – (ethyl alcohol)
9.17 Decomposition temperature; and	Not applicable.
9.18 Viscosity @ 25°C:	Not applicable.

**SECTION 10: STABILITY AND REACTIVITY**

10.1 Chemical stability:	Stable under recommended storage conditions.
10.2 Possibility of hazardous reactions:	Vapors may form explosive mixture with air.
10.3 Conditions to avoid:	Heat, flames and spark. Extreme temperatures and direct sunlight.
10.5 Incompatible materials:	Ammonia, Peroxides, Alkali metals, Reducing agents, Strong Inorganic Acids, Oxidizing agents.
10.6 Hazardous decomposition products:	Carbon oxides are expected to be, under fire conditions, the primary hazardous decomposition products.

**SECTION 11: TOXICOLOGICAL INFORMATION**

11.1 Toxicity Data:	This product has not been tested on animals to obtain toxicological data. There are toxicological data for the components of this product which are found in the scientific literatures.
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**SECTION 12: ECOLOGICAL INFORMATION**

12.1 Ecological Toxicity:	No data is currently available for this product. The ecological toxicological data for the components of this product can be found in the scientific literatures. Packaging components are compatible with the conventional solid waste management practices.
12.2 Persistence and Degradability:	No data available.
12.3 Bioaccumulative Potential:	No data available.
12.4 Mobility in Soil:	No data available.

**SECTION 13: DISPOSAL CONSIDERATION**

13.1 Waste Disposal:	Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.
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**SECTION 14: TRANSPORT INFORMATION**

In accordance with ICAO/IATA/DOT/TDG

14.1 UN Number:	1170	Class: 3	Packing Group: III
14.2 UN Proper Shipping Name:	ALCOHOLS SOLUTION		
14.3 Label Statement:	Re-classed as Commodity / Limited Quantity		
14.5 Transport by Sea:	ALCOHOLS; Class: 3. Packing Group: III. FLAMMABLE LIQUID, N.O.S. UN 1170		
14.6 Air Transport:	ALCOHOLS; Class: 3. Packing Group: III. FLAMMABLE LIQUID, N.O.S. UN 1170		

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**SECTION 15: REGULATORY INFORMATION**

15.1 US FDA:	This product is regulated by the Federal Food, Drug and Cosmetic Act and is safe to use as per directions on container, box or accompanying literature (where applicable).
15.2 ES EPA:	All components of this product are listed or exempted on the TSCA inventory.
15.3 CA PROP 65:	California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Ethanol (in alcoholic beverages) - [64-17-5] Cancer; initial date 4/29/2011.
15.4 CANADA:	All components of this product are listed or exempted on the Canada DSL.
15.5 EUROPE:	This product is regulated under the EU Cosmetic Regulation (EC) No. 1223/2009 and is safe to use as directed on the package.
15.6 JAPAN:	All components of this product are listed or exempted on the Japan ENCS.
15.7 CHINA:	All components of this product are listed or exempted on the China IECSC.
15.8 KOREA:	All components of this product are listed or exempted on the Korea KECL.
15.9 AUSTRALIA:	All components of this product are listed or exempted on the Australia AICS.
15.10 NEW ZEALAND:	All components of this product are listed or exempted on the New Zealand NZIoC.
15.11 PHILIPPINES:	All components of this product are listed or exempted on the Philippines PICCS.

**SECTION 16: OTHER INFORMATION:**

Disclaimer: To the best of our knowledge, the information contained herein is accurate. However, the above-named supplier assumes no liability whatsoever for the accuracy or completeness of the information contained herein. The information given is designed only as guidance for the safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200