



PASSION. PARTNERSHIP. POSSIBILITIES.

SAFETY DATA SHEET

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT: Alcohol Prep Pads
Product Label Name: Dukal Alcohol Prep Pads (private label included)
Company Name and Address: Dukal Corporation
 2 Fleetwood Court
 Ronkonkoma, NY 11779
Emergency Telephone Number: 631-656-3800

Recommended use: This product is intended for use as a skin antiseptic. It is for external use only.

SECTION 2: HAZARDOUS IDENTIFICATION

Hazardous Classification: This material contains components that are considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200. Flammable

Signal Word, Cautions or Precautionary statements: Keep out of reach of children. Flammable. Target Organs = respiratory system, skin, eyes, CNS, liver, blood and reproductive system.

Potential Health Effects: See Section 11 for more information.

Symptoms of Exposure: **Inhalation:** May cause irritation of the respiratory tract. Exposure at High concentrations may cause dizziness, drowsiness, headaches, mental confusion, and lung damage. **Ingestion:** May cause nausea, vomiting and diarrhea. Large concentrations may cause irritation of nasal, esophageal and digestive tract. A large dose may cause may cause dizziness, drowsiness, headaches, mental confusion, and lung damage **Eyes:** May cause irritation to the eyes. **Skin:** None expected except prolonged contact may result in irritation and dermatitis.

Carcinogens: This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.). Potential Environmental Effects: See Section 12 for more information.

SECTION 3: INFORMATION ON INGREDIENTS

Component Name	CAS #	Concentration	R Phrase	Hazard Class
Isopropyl Alcohol	67-63-0	>60%	R11	F



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SECTION 4: FIRST-AID MEASURES

Emergency first aid procedures by route of exposure:

Inhalation: If symptoms are experienced, remove source of contamination or move victim to fresh air. If affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

Ingestion: Do not induce vomiting. If the material is swallowed have victim drink 1-3 glasses of water to dilute stomach contents. Seek medical attention or advice.

Skin: If irritation is experienced, flush with water. If irritation persists, seek medical attention.

Eyes: Immediately flush eyes with water for at least 15 minutes holding the eye open. Seek medical attention if irritation persists

SECTION 5: FIRE-FIGHTING MEASURES

Flammability Classification: Flammable Liquid IB Extinguishing Media: Use methods appropriate for the surrounding fire. Consider water spray or fog, carbon dioxide, dry chemical powder, or alcohol resistant foam. **Products of Combustion:** Upon decomposition this product may emit carbon dioxide, carbon monoxide and/or low molecular weight hydrocarbons.

Fire Fighting Equipment/Instructions: Wear protective clothing and equipment suitable for the surrounding fire, including helmet, facemask, and self contained breathing apparatus.

NFPA Rating: Health: 2 Fire: 3 Reactivity: 0 Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: For large spills wear gloves, safety glasses and when levels exceed OSHA PEL use appropriate NIOSH approved respiratory protection. Keep unnecessary personnel away. Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.

Environmental Precautions: Prevent discharge to open waters.

Method for Containment: Absorb spilled liquid in suitable non-flammable inert material such as clay, vermiculite or diatomaceous earth.

Methods for Clean-Up: Ventilate area of leak or spill. Use spark-proof tools to sweep or scrape up and containerize in approved chemical waste container. Wash spill area with water.

SECTION 7: HANDLING AND STORAGE

Handling: Keep away from heat, sparks and flame. Prevent contact with eyes. Avoid inhalation. Use in well ventilated area

Storage: Keep the container tightly closed and in a cool, well ventilated place.



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SECTION 8: EXPOSURE CONTROLS

Isopropyl Alcohol (67-63-0)

ACGIH: 200 ppm TWA

OSHA: 400 ppm TWA; 980 mg/m³ TWA

Engineering Controls: Normal room ventilation is usually adequate under normal use.

Personal Protective Equipment (PPE)

Eye/Face Protection: None needed under normal use – Wear goggles if exposed to unusual amount and splashing

Skin Protection: None needed under normal use -- Wear overalls or apron if splashing is possible

Respiratory Protection: may be needed if vapor concentrations are high.

General Hygiene Considerations: None needed under normal use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Non-woven cloth saturated with liquid

Appearance/Color: Clear

Odor: Alcohol

PH: Not Available.

Vapor Density: 2.1 (air=1)

Boiling Point: 80°C

Vapor Pressure: No data

Melting Point: No data

Freezing Point: Not Available

Flammability Properties (see section 5)

Solubility (in water): Soluble

Specific Gravity @ 25°C: 0.88-0.92

Evaporation Rate: Not Available

Octanol/Water partition coefficient : Not Available

Auto-ignition temperature: Not Available

Decomposition temperature: Not Available

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal ambient temperatures 70°C (21°C)

Condition to Avoid: Avoid excessive heat or sources of ignition.

Incompatible Materials: This product reacts with strong acid, strong bases, and oxidizing agents.

Hazardous Decomposition: Upon decomposition, this product evolves carbon monoxide, carbon dioxide, and/or low weight hydrocarbons.

Hazardous Reactions: Hazardous polymerization will not occur.



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SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE EFFECTS:

A: General Product information

Product contains isopropyl alcohol.

B: Acute Toxicity

Low order of acute toxicity is possible.

CHRONIC EFFECTS: Component

Isopropyl Alcohol (67-63-0) -- This product is not expected to cause long term adverse effects

Carcinogenicity: ACGIH A4 – Not Classifiable as a Human Carcinogen

Neurotoxicity: No information available

Mutagenicity: No information available for product.

Reproductive: This product is not expected to cause reproductive health effects

Developmental: This product is not expected to cause reproductive health effects.

Target Organs: When consumed, ethyl alcohol can target the respiratory system, skin, eyes, CNS, liver, blood and reproductive system.

SECTION 12: ECOLOGICAL INFORMATION

Solutions of alcohols are toxic to aquatic life at moderate to low concentrations. No long-term ecological effects are likely.

Concentrated solutions of alcohols and surfactants may cause damage to aquatic and terrestrial plants.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with federal state and local regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld near container. Do not incinerate closed containers. Empty containers may contain hazardous residues. Dispose of containers with care.

SECTION 14: TRANSPORTATION INFORMATION

DOT CFR 172.01 Data: Isopropanol Solution (3) Flammable Liquid UN1219 PGII

UN Proper Shipping Name: Isopropanol Solution

UN Class (3) Flammable Liquid

UN Number 1219

Packaging Group II

SECTION 15: REGULATORY INFORMATION

Labeling Information: Flammable



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SECTION 16: OTHER INFORMATION

Issue Date: 3-26-14

Revision Date: 3-16-15

Disclaimer:

The information provided in this SDS is correct and is to the best of our knowledge, at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

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1. Identification

Product identifier Benzalkonium Chloride Antiseptic Wipe
Other means of identification Not available.
Recommended use Not available.
Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Manufacturer: Safetec of America, Inc.
887 Kensington Avenue
Buffalo, NY 14215
Company Telephone: 1-716-895-1822
E-mail Address: www.safetec.com
Emergency Telephone: 1-800-255-3924
Supplier Refer to Manufacturer

2. Hazard(s) identification

Physical hazards This mixture does not meet the classification criteria according to OSHA HazCom 2012.
Health hazards Serious eye damage/eye irritation Category 2A
Environmental hazards This mixture does not meet the classification criteria according to OSHA HazCom 2012.
OSHA defined hazards This mixture does not meet the classification criteria according to OSHA HazCom 2012.

Label elements



Signal word Warning
Hazard statement Causes serious eye irritation.
Precautionary statement
Prevention Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling.
Response If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Storage None required according to OSHA Hazcom 2012.
Disposal None required according to OSHA Hazcom 2012.
Hazard(s) not otherwise classified (HNOC) None known.
Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Ethanol	Alcohol Ethyl Alcohol	64-17-5	10
Benzalkonium Chloride		63449-41-2	0.13

4. First-aid measures

Inhalation If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.
Skin contact Wash off with warm water and soap. Get medical attention if symptoms occur.

Eye contact	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms persist.
Ingestion	Seek medical advice.
Most important symptoms/effects, acute and delayed	Causes serious eye irritation.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media	Water. Water Spray or Fog. Foam. Dry chemical or CO2.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Thermal decomposition or combustion may liberate toxic gases or fumes.
Special protective equipment and precautions for firefighters	None known.
Fire fighting equipment/instructions	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
General fire hazards	No unusual fire or explosion hazards noted.
Hazardous combustion products	Carbon oxides.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Absorb spill with vermiculite or other inert material, then place in a sealed container for chemical waste. Large Spills: Flush with plenty of water. Prevent entry into waterways, sewer, basements or confined areas. Dike for later disposal. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling	When using, do not eat, drink or smoke. Avoid contact with eyes. Wear appropriate personal protective equipment. Use only with adequate ventilation. Wash thoroughly after handling.
Conditions for safe storage, including any incompatibilities	Keep container tightly closed. Keep cool. Store away from incompatible materials.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Ethanol (CAS 64-17-5)	PEL	1900 mg/m3 1000 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
Ethanol (CAS 64-17-5)	STEL	1000 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Ethanol (CAS 64-17-5)	TWA	1900 mg/m3 1000 ppm

Biological limit values	No biological exposure limits noted for the ingredient(s).
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Appropriate engineering controls	Ensure adequate ventilation, especially in confined areas.
Individual protection measures, such as personal protective equipment	
Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin protection	
Hand protection	Chemical resistant gloves recommended.
Other	Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health or safety professional or manufacturer for specific information.
Respiratory protection	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Contact health and safety professional or manufacturer for specific information.
Thermal hazards	Not available.
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance	Towelette.
Physical state	Liquid.
Form	Towelette.
Color	Off-white.
Odor	Slight alcohol.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Complete.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Specific gravity	0.98

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Stable at normal conditions.

Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	High temperatures.
Incompatible materials	Strong oxidizing agents. Acids.
Hazardous decomposition products	Carbon oxides.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Skin contact	Prolonged skin contact may cause temporary irritation.
Eye contact	Causes serious eye irritation.
Ingestion	No harmful effects expected in amounts likely to be ingested by accident.
Most important symptoms/effects, acute and delayed	Causes serious eye irritation.

Information on toxicological effects

Acute toxicity No adverse effects are expected.

Components	Species	Test Results
Ethanol (CAS 64-17-5)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 15800 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 32380 ppm, 4 hours (vapor) > 61 mg/l, 4 hours (vapor)
<i>Oral</i>		
LD50	Rat	7060 mg/kg

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation Causes serious eye irritation.

Respiratory or skin sensitization

Respiratory sensitization	This product is not expected to cause respiratory sensitization.
Skin sensitizer	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.	
Reproductive toxicity	This product is not expected to cause reproductive effects.
Specific target organ toxicity - single exposure	Not classified as a specific target organ toxicity -single exposure.
Specific target organ toxicity - repeated exposure	Not classified as a specific target organ toxicity -repeated exposure.
Aspiration toxicity	Not expected to be an aspiration hazard.

12. Ecological information

Ecotoxicity Not expected to be harmful to aquatic organisms.

Components	Species	Test Results
Ethanol (CAS 64-17-5)		
Aquatic		
<i>Acute</i>		
Algae	EC50	Green algae (<i>Selenastrum capricornutum</i>) 1000 mg/l, 96 hours
Crustacea	EC50	Water flea (<i>Daphnia magna</i>) 5012 mg/l, 48 hours
Fish	LC50	Fathead minnow (<i>Pimephales promelas</i>) > 100 mg/l, 96 hours
Persistence and degradability	Not available.	
Bioaccumulative potential	Not available.	
Partition coefficient n-octanol / water (log Kow)		
Ethanol		-0.31
Mobility in soil	Not available.	
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.	

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT	Not regulated as dangerous goods.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not available.

15. Regulatory information

US federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)	Not regulated.
CERCLA Hazardous Substance List (40 CFR 302.4)	Ethanol (CAS 64-17-5) Listed.
SARA 304 Emergency release notification	Not regulated.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not listed.
Superfund Amendments and Reauthorization Act of 1986 (SARA)	
Hazard categories	Immediate Hazard - Yes Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical Yes**SARA 313 (TRI reporting)**

Not regulated.

Other federal regulations**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.**US state regulations****US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)**

Not listed.

US. Massachusetts RTK - Substance List

Ethanol (CAS 64-17-5)

US. New Jersey Worker and Community Right-to-Know Act

Ethanol (CAS 64-17-5)

US. Pennsylvania Worker and Community Right-to-Know Law

Ethanol (CAS 64-17-5)

US. Rhode Island RTK

Not regulated.

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Ethanol (CAS 64-17-5)

Listed: April 29, 2011

Listed: July 1, 1988

US - California Proposition 65 - CRT: Listed date/Developmental toxin

Ethanol (CAS 64-17-5)

Listed: October 1, 1987

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 01-30-2015
Version # 01

Disclaimer

Prepared by: ICC The Compliance Center Inc. 1-888-442-9628
<http://www.thecompliancecenter.com>

Disclaimer

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Bibliography

ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices (2014)
Canadian Centre for Occupational Health and Safety, CCIInfoWeb Databases, 2014
(Chempendium, RTECs, HSDB, INCHEM)
European Chemicals Bureau, Existing Chemicals Work Area, EINECS Information System, 2014.
Material Safety Data Sheet from manufacturer.
OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2014.

Material Safety Data Sheet

Product Name: BurnFree®

Date prepared: January 2002

Date revised: January 2014

1. Company and Product Identification

Substance or preparation trade name: BurnFree®

Company/undertaking name & address:

BurnFree – A Division of Exuro Medical, LLC
310 E 300 S
Salt Lake City, Utah 84111 USA
Telephone: 801-569-9090

2. Composition/Information on Ingredients

Chemical Type: Hydrogel (water-based gel) with Preservative System

Proprietary: Yes

Ingredient: Non-Hazardous Ingredients

3. Hazards Identification

Potential Health Effects: No potential health effects.

4. First aid measures

BurnFree is a first aid product for burn injuries and other minor wounds. No special precautions are necessary after contact. However, BurnFree is a water-based gel. Electricity must be shut off before apply water-based gel blanket. Chemical burns must be thoroughly irrigated and flushed before using BurnFree products.

5. Fire fighting measures

Non-Flammable

Suitable extinguishing media: NA

Unsuitable extinguishing media: NA

Special hazards in fire: NA

Required special protective equipment for fire fighters: NA

6. Accidental release measures

Personal precautions: Not Required

Environmental precautions: NA

Methods for cleaning: NA

7. Handling and storage

No special handling or storage requirements.

8. Exposure Controls

Personal protection equipment: Not required
Eye protection: Not required
Hand protection: Not required
Hygiene measures: Not required

9. Physical and chemical properties

Appearance: Translucent gel
Odor: Slight medicinal odor
pH: 5.5 – 7.0
Boiling point: 195 degrees Fahrenheit
Melting point: NA
Flashpoint: None
Explosive properties: NA
Vapor pressure: NA
Specific Gravity: 1.02
Solubility in Water: Soluble

10. Stability and reactivity

Stability: Stable
Incompatibility: None
Hazardous decomposition products: None

11. Toxicological information

Acute toxicity: Non-toxic
Local effects
Excessive exposure may affect human health as follows:

Skin contact: Irritant level below 5 and therefore classified as non-irritant.
Eye contact: Non-irritant or corrosive to eye.
Inhalation Acute: Non-toxic
Inhalation Chronic: Non-toxic
Ingestion: Non-toxic

12. Ecological information

No data available.

13. Disposal Considerations

Biodegradable. Can flush down sewage system.
Steps to be taken in case of release: None

14. Transport information

Not listed as hazardous material.

15. Regulatory information

Formulation has been designed/approved for direct application to skin. FDA (510k) Dressings, FDA (510k) Gel. Council Directive 93/42/EEC.

16. Other Information

Recommendations/restrictions: No restrictions.

Label required: No

Chronic hazard: No

Acute health hazard: No

Contact hazard: None

Fire hazard: None

Reactivity hazard: None

COLDSTAR INTERNATIONAL

Date Prepared: October, 2008
Current Revision: May 2014

SECTION ONE • PRODUCT AND COMPANY IDENTIFICATION

Item Description:
ColdStar Disposable Instant Cold Pack

ColdStar Re-useable Cold Control Instant Cold Pack

Part Number:
0101, 0102, 0103, 0104, 0401, 0402,
411204
0201, 0202

Chemical Composition Data – see Section 3 for additional information

<u>ITEM</u>	<u>C.S.S. No.</u>	<u>Percentage</u>
Ammonium Nitrate	6484-52-2	45.45
Water	7732-18-5	51.45
Proprietary		1.00
Acrylic Acid, Polymers (Film)	9003-01-4	2.10
		<u>100.00</u>

Note(s): The above chemicals are separated into compartments before activation of the cold pack. Compartment 1: Ammonium Nitrate (powder). Compartment 2: Water.

The product contains the following toxic chemicals subject to the reporting requirements of Section 313 of Title III Emergency Planning and Community Right To Know Act of 1986 and 40 CFR: AMMONIUM NITRATE.

Identification

UN-Number UN1942
The recommended use – Instant Cold Pack Therapy

Supplier Contact Information:

ColdStar International
501 Industrial Park Road
Piney Flats, TN 37686
(423) 538-5551
(423) 538-3030 (fax)

Emergency Contact Information:

CHEMTREC
United States – (800) 424-9300
International – + 1 703-527-3887

SECTION TWO • HAZARDS IDENTIFICATION

If packaging is broken direct contact with the solution may be irritating to the eyes, skin, the mucus membranes in the nose and throat. Ingestion may cause vomiting and stomach upset.

Eye Contact:	Eye contact is not expected to occur during normal use of the product.
Skin Contact:	Prolonged or repeated exposure may cause: Frostbite signs/symptoms can include firm blanched area, redness, pain, tissue destruction, swelling, and scar tissue formation.
Ingestion:	Ingestion is not a likely route of exposure to this product. Ingestion may cause: irritation of gastrointestinal tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.
Inhalation:	Unlikely to occur under normal conditions of usage and handling.
Potential Hazards:	Prior to mixing, ammonium nitrate pellets explode from heat or contamination if burnt or in a fire, can act as an oxidizer. Store in appropriate locations and containers.

Hazard Data

NFPA Hazard Codes:
Health: 1 Fire: 1 Reactivity: 0
Unusual Reaction Hazard: N/D

Hazard is not otherwise classified by (HNOC)

Overview: Contents come within a waterproof package containing small Ammonium Nitrate pellets, surrounding a liquid bag filled with water. Once mixed, the bag will feel cold. This apparatus is used as a First Aid Device. When properly administered, apparatus is non-hazardous. If packaging is damaged, the following hazards may result: Serious eye damage/Eye Irritation – please see list of precautions under sections 4 and 6.

SECTION THREE • COMPOSITION DATA

Composition Data

<u>ITEM</u>	<u>C.S.S. No.</u>	<u>Percentage</u>
Ammonium Nitrate	6484-52-2	45.45
Water	7732-18-5	51.45
Proprietary		1.00
Acrylic Acid, Polymers (Film)	9003-01-4	2.10
		<u>100.00</u>

Chemical Properties

Boiling Point	>100°C
Vapor Pressure	760MM HG @ 100°C
Vapor Density	>1
Evaporation Rate	N/A
Solubility in Water	Soluble in Water
Specific Gravity	S=1.7; LIQ=1.1
Percent Volatile	46
Volatile Organic Compounds	N/D
Voc Less H ₂ O & Exempt Solvents	N/D
pH	7.0
Viscosity	N/A
Melting Point	N/D

Abbreviations: ND – Not Determined; N/A – Not Applicable

(Section 3 continued)

Appearance and Odor
VOC Content

Solid=White; Liquid=Hazy
No Data Available

Explosive Properties
Flammable Properties
Oxidizing Properties

None
Not Flammable
Oxidizer

SECTION FOUR • FIRST AID MEASURES

Eye Contact: Immediately flush eyes with large amounts of water. Get immediate medical attention. After initial flushing remove eye contacts, continue flushing for at least 20 minutes. Get medical attention if irritation persist.

Skin Contact: Flush skin with large amounts of water. If irritation persists, seek medical attention.

Inhalation: If accidentally inhaled, move to fresh air and seek medical attention immediately if any symptoms occur.

Ingestion: Drink two glasses of water. Call a physician. Do not induce vomiting. Get medical attention if symptoms occur.

Symptoms/effects: No information is available

- NOTE: Indication of Immediate attention and treatment: Treat symptomatically.

SECTION FIVE • FIREFIGHTING MEASURES

Fire and Explosion

Flash Point
Flammable Limits: LEL
Flammable Limits: UEL
Autoignition Temperature
Extinguishing Media:

N/D
N/A
N/A
N/D
Water

Special Fire Fighting Procedures:

Wear full protective clothing, including helmet, self contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist, and legs, face mask, and protective covering for exposed areas of the head. These fire fighting procedures are applicable in warehouse situations. Single units would not call for the above procedures.

Unusual Fire and Explosion Hazards:

Confinement at elevated temperatures or exposure may intensify fire, oxidizer. **Avoid use of CO₂, dry chemical or foam for extinction.**

Explosion Data

Sensitivity to Mechanical Impact – None
Sensitivity to Static Discharge – None

SECTION SIX • ACCIDENTAL RELEASE MEASURES

Precautions, Protective Equipment and Emergency Procedures

Precautions - Evacuate all personnel to safe areas and away from any upwind or spills. Avoid contact with skin and eyes. Do not touch damaged packaging.

Environmental – Prevent any entry into waterways, sewers and confined areas.

Containment – For damaged containers, keep away from heat and remove all combustible materials. If container is hot, cool with water. Treat material as an oxidizer

Cleaning Up – For damaged containers: Pick up and properly label containers. For damaged containers, remove all sources of ignition. Use non-combustible absorbent material for spilled liquid. Wear protective equipment, ie rubber gloves and mask if needed and any additional safety equipment. Dispose of in appropriate labeled confined containers.

SECTION SEVEN • HANDLING AND STORAGE

Handle in accordance with good industrial standards, always put safety first.

Storage – Keep away from open flames, heat, hot surfaces and sources of ignition. Store at room temperature. Do not freeze.

Incompatible Products - Strong oxidizing agents: nitrate salts, chloride salts, metal salts and hydrocarbons.

SECTION EIGHT • EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection:	Avoid eye contact.
Skin Protection:	Avoid skin contact.
Recommended Ventilation:	Not applicable.
Respiratory Protection:	Not applicable.
Prevention of Accidental Ingestion:	Do not ingest.

Recommended Storage: Store at temperatures which are below 80 degrees F (28 degrees C).
Keep out of reach of children.
Explosive when dry. Do not heat under confinement.

Fire and Explosion Avoidance:
Exposure Limits:

<u>Ingredient</u>
Ammonium Nitrate
Water

<u>Value</u>	<u>Unit</u>	<u>Type</u>	<u>Auth</u>	<u>Skin*</u>
NONE	NONE	NONE	NONE	
NONE	NONE	NONE	NONE	

*Skin Notation: Listed substances indicated with “Y” under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne, or more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

Source of Exposure Limit Data: None established.

SECTION NINE • PHYSICAL AND CHEMICAL PROPERTIES

Chemical Properties

Boiling Point	>100°C
Vapor Pressure	760MM HG @ 100°C
Vapor Density	>1
Evaporation Rate	N/A
Solubility in Water	Soluble in Water
Specific Gravity	S=1.7; LIQ=1.1
Percent Volatile	46
Volatile Organic Compounds	N/D
Voc Less H ₂ O & Exempt Solvents	N/D
pH	7.0
Viscosity	N/A
Melting Point	N/D
Appearance and Odor	Solid=White; Liquid=Hazy
VOC Content	No Data Available
Explosive Properties	None
Flammable Properties	Not Flammable
Oxidizing Properties	Oxidizer

SECTION TEN • STABILITY AND REACTIVITY DATA

Stability:	Stable
Chemical Stability:	Stable under proper storage conditions
Hazardous Reactions:	None under normal processing
Incompatibility-materials/Conditions to Avoid:	Strong oxidizing agents, heat.
Hazardous Polymerization:	Hazardous polymerization will not occur.
Hazardous Decomposition-Products:	Ammonium Salts.
Reactivity:	No data available

SECTION ELEVEN • TOXICOLOGICAL INFORMATON

Information on likely routes of exposure:	None
Symptoms related to the physical, chemical and toxicological characteristics	None
Delayed and immediate effects	None
Chronic affects from short and long term exposure	None
Numerical measures of toxicity – Product	0%

SECTION TWELVE • ENVIRONMENTAL DATA

Spill Response:	Cover with inorganic absorbent material. If dry, shovel into dry container and cover.	
Recommended Disposal:	Material suitable for approved solid waste landfill.	
Environmental Data:	None	
EPCRA Hazard Class:		
Fire hazard: NO	Pressure: NO	Reactivity: NO
Acute: NO	Chronic: NO	

Abbreviations: ND – Not Determined; N/A – Not Applicable

SECTION THIRTEEN • DISPOSAL

Waste Disposal Methods

This material is not a hazardous waste according to Federal Regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or comes into contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Dispose of contents to an approved waste disposal site.

SECTION FOURTEEN • TRANSPORTATION INFORMATION

Transportation

DOT - Department of Transportation:

- UN Number – UN1942
- Proper shipping name – Ammonium Nitrate
- Hazard Class – 5.1
- Packaging Group III
- Description – UN1942, Ammonium Nitrate, 5.1, Class III
- Emergency Response Guide Number – 140

SECTION FIFTEEN • REGULATORY INFORMATION

Complies with - United States Toxic Substance Control Act Section 8(b) Inventory – TSCA
Complies with – Canadian Domestic Substances List/Non-Domestic Substances List

Clean Water Act – This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (CFR 122.21 and CFR 122.42)

California Proposition 65 – Product does not contain any Proposition 65 Chemicals

US EPA Label Information – Not Applicable

Instant Cold Icepack is not restricted under the U.S. Department of Transportation 49 CFR and International Air Transport Association (ATA) dangerous goods regulations.

Note: Contents come within a waterproof package containing small amounts of Ammonium Nitrate pellets. As a catalyst, the ammonium nitrate is surrounded by a liquid bag filled with water.

SECTION SIXTEEN • OTHER INFORMATION

ColdStar International does not assume any legal responsibility for use or reliance upon this information. The final determination of suitability of any material for a particular use is the sole responsibility of the user. All materials may present hazards and attributes that are unknown. All chemicals or apparatuses containing chemical properties should be handled with caution and responsibility, never allow children to administer devices without supervision. It is the end user's responsibility to determine when and where to use material and to follow all instructions and precautions that are prescribed on packaging.



Medique®

MEDI-FIRST®



April 15, 2015

Reference: Safety Data Sheets (SDS) for all Over-the-Counter drugs.

This document serves as certification that all of our OTC product brands (to include):

Green Guard
Medique
Medi-First
Medi First Plus
Otis Clapp
Dover

are exempt from the requirements for an SDS found in **29 CFR §1910.1200**.

Specifically, the Occupational Safety and Health Administration's (OSHA) Hazard Communication Standard (HCS) exemption states:

29 CFR §1910.1200(b)

This section does not apply to:

29 CFR §1910.1200(b)(6)(vii):

"Any drug, as that term is defined in the Federal Food, Drug, and Cosmetic Act (21 U.S.C. 301 et seq.), when it is in solid, final form for direct administration to the patient (e.g., tablets or pills); drugs which are packaged by the chemical manufacturer for sale to consumers in a retail establishment (e.g., over-the-counter drugs); and drugs intended for personal consumption by employees while in the workplace (e.g., first aid supplies)."

Therefore, over-the-counter drugs prepackaged for retail sale are exempt from OSHA Hazard Communication Standard requirements (including the requirement for an SDS) from time of packaging regardless of the product's final physical form.

Debra A. Lehnus

Quality Assurance / Regulatory Manager

SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

HMIS HAZARD RATING

SAFETEC OF AMERICA

HEALTH	0	0 = INSIGNIFICANT	3 = HIGH
FLAMMABILITY	1	1 = SLIGHT	4 = EXTREME
REACTIVITY	0	2 = MODERATE	

SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST) Safetec® Triple Antibiotic Ointment		Page 1 of 2
MANUFACTURER'S NAME Safetec of America, Inc.	EMERGENCY TELEPHONE NUMBER (24 Hours) (800) 255-3924	
ADDRESS (NUMBER, STREET, P.O. BOX) 887 Kensington Ave.	TELEPHONE NUMBER FOR INFORMATION (716) 895-1822	
(CITY, STATE AND ZIP CODE) Buffalo, NY 14215	DATE PREPARED April 2, 2014	
	SUPERSEDES August 13, 2013	

SECTION 2 - HAZARDS IDENTIFICATION

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE

SKIN: May cause irritation. May cause skin discoloration. May cause reddening of the skin. Neomycin sulfate and Bacitracin Zinc USP may cause cutaneous sensitization. Discontinue promptly if sensitization or irritation occurs.

INHALATION: This product has a low vapor pressure and is not expected to present an inhalation hazard at ambient conditions. Caution should be taken to prevent aerosolization or misting of this product.

EYES: This product is minimally irritating to the eyes upon direct contact.

INGESTION: Do not ingest. This product is practically non-toxic by ingestion. This product has laxative properties and may result in abdominal cramps and diarrhea.

HEALTH HAZARDS (ACUTE): Acute: May induce a dermal reaction in sensitive individuals.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: May cause hypersensitivity.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))	CAS #	% (wt.) (OPTIONAL)	ACGIH TLV/TWA/STEL	
			PPM	MG/M ³
Petrolatum USP	8009-03-8	Proprietary	None Established	None Established
Neomycin Sulfate USP	1405-10-3	Proprietary	None Established	None Established
Bacitracin Zinc USP	1405-89-6	Proprietary	None Established	None Established
Polymyxin B Sulfate	1405-20-5	Proprietary	None Established	None Established

This product is not known to contain a substance subject to Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR 372 at or above minimal amounts.

SECTION 4 - FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES

SKIN: Remove contaminated clothing. Wash contaminated area thoroughly with soap and water. If material is hot, submerge injured area in cold water. If victim is severely burned, remove to a hospital immediately.

INHALATION: If vapor or mist is generated when the material is heated or handled, remove victim from exposure.

EYES: Immediately flush eyes with large amounts of water and continue flushing until irritation subsides. If material is hot, treat for thermal burns and take victim to hospital immediately.

INGESTION: Do not induce vomiting due to aspiration hazard. If vomiting should occur, lower head below knees to avoid aspiration.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED) Higher than 93.3°C (200°F) Closed Cup	FLAMMABLE LIMITS (% Volume in Air for Lowest Flashing Component) LEL: Not Available	UEL: Not Available
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EXTINGUISHING MEDIA
Use extinguishing media appropriate for the surrounding fire. Use alcohol foam, dry chemical or CO₂.

SPECIAL FIRE FIGHTING PROCEDURES
Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS
Dense smoke may be generated while burning. Carbon monoxide, carbon dioxide, and other oxides may be generated as products of combustion.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED
Small spills: Absorb with appropriate inert material such as sand, clay, etc. and dispose of into a suitable container. Large Spills: May be picked up using vacuum pumps, shovels, buckets, or other means and placed in drums or other suitable containers.

SECTION 7 - HANDLING AND STORAGE

Handling: Keep containers closed when not in use. **Storage:** Do not handle or store near heat, sparks, flames or oxidizers.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION Not required.	VENTILATION LOCAL EXHAUST: Recommended MECHANICAL (GENERAL): Not required
PROTECTIVE GLOVES Not required for normal use.	EYE PROTECTION Not required for normal use.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT Eye wash stations should be nearby and ready for use.	WORK/HYGIENIC PRACTICES Practice safe work habits. Use according to label instructions.

SECTION 9 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT 343°C (650°F)	SPECIFIC GRAVITY (WATER = 1) 0.855
VAPOR PRESSURE (mm Hg) No data	MELTING POINT 54°C (130°F)
VAPOR DENSITY (AIR = 1) No data	pH (1% solution in water) No data
SOLUBILITY IN WATER Insoluble	EVAPORATION RATE (IPA = 1) No data
APPEARANCE AND ODOR White to off-white ointment	% VOLATILES (BY VOLUME) No data

SECTION 10 - STABILITY AND REACTIVITY

STABILITY	UNSTABLE:	CONDITIONS TO AVOID
	STABLE: XXX	Heat and oxidizing
INCOMPATIBILITIES (MATERIALS TO AVOID)		
Extreme heat, sparks, open flame and oxidizers.		
HAZARDOUS DECOMPOSITION OR BYPRODUCTS		
May give off fumes of carbon monoxide, carbon dioxide and other oxides that are generated as products of combustion.		
HAZARDOUS POLYMERIZATION	MAY OCCUR:	CONDITIONS TO AVOID
	WILL NOT OCCUR: XXX	Temperatures above 300°C

SECTION 11 - TOXICOLOGICAL INFORMATION

Component analysis - LC50: N/A
 Component analysis - LD50: N/A
 Effects of acute exposure: May induce a dermal reaction in sensitive individuals.
 Sensitization: Non-hazardous by WHMIS/OSHA criteria.
 Chronic Effects: Repeated or prolonged exposure may cause allergic reaction in susceptible individuals. Repeated or prolonged exposure may produce chronic eye irritation. Ingestion of product in large quantities may produce a mild laxative effect. Prolonged or repeated exposure by inhalation may cause lipid pneumonia or lipid granuloma of the lung. Shortness of breath and cough are the most common symptoms.
 Carcinogenicity: Non-hazardous by WHMIS/OSHA criteria.
 Mutagenicity: Non-hazardous by WHMIS/OSHA criteria.
 Reproductive Effects: Non-hazardous by WHMIS/OSHA criteria.
 Teratogenicity: Non-hazardous by WHMIS/OSHA criteria.

SECTION 12 - ECOLOGICAL INFORMATION

Component analysis - LC50: N/A
 Component analysis - LD50: N/A
 Ecotoxicity: N/A
 Environmental Effects: N/A
 Aquatic Toxicity: N/A
 Persistence / degradability: N/A
 Bioaccumulation / accumulation: N/A
 Partition coefficient: N/A
 Mobility in environmental media: N/A
 Chemical fate information: N/A
 Other adverse effects: N/A

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in accordance with Local, State, and Federal regulations. Products classified as non-hazardous may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260-299" for complete waste disposal regulations. Consult your Local, State, or Federal Environmental Protection Agency before disposing of any chemicals.
 Waste from residues/unused product: N/A
 Contaminated Packaging: N/A

SECTION 14 - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME	Safetec Antibiotic Ointment		
HAZARD CLASS/PKG. GRP.	Not Applicable	REF.	Not Applicable
IDENTIFICATION NUMBER	Not Applicable	LABEL	None Required Ground

SECTION 15 - REGULATORY INFORMATION

Canadian Federal Regulation: N/A
 US Federal Regulation: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.
Occupational Safety and Health Administration (OSHA)
 29 CFR 1910.1200 hazardous chemical- Yes
 CERCLA (Superfund) reportable quantity - N/A
 Superfund Amendments and Reauthorization Act of 1986 (SARA) - N/A
 Clean Air Act (CAA) - N/A
 Clean Water Act (CWA) - N/A
 Safe Drinking Water Act (SDWA) - N/A
 Drug Enforcement Agency (DEA) - N/A
 Food and Drug Administration (FDA) - N/A
 WHMIS classification - N/A
 State regulations - N/A
 Inventory Name - N/A

SECTION 16 - OTHER INFORMATION

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.
 Date Prepared: April 2, 2014