

# Burnaid Burn Gel & Dressings

## MATERIAL SAFETY DATA SHEET - EXTENDED

**PRODUCT:** **BURNAID GEL 3.5g Sachets, 25g, 50g  
Tubes, Sterile Dressings**

### IDENTIFICATION

#### **SUPPLIER:**

Company: Rye Pharmaceuticals Pty. Ltd.  
Address: Level 3, 18 Smith Street  
Chatswood, NSW 2067, Australia  
Phone: 02 9417-1922  
Emergency: 0416 259904  
Fax: 02 9417-0201

#### **STATEMENT OF HAZARDOUS NATURE:**

**Not Classified as hazardous according to criteria of Worksafe Australia**

Health Hazard: 0  
Flammability: 0  
Reactivity: 0  
Body Contact: 1

Scale: min/nil=0 Low=1 Moderate=2 High=3 Extreme=4

#### Material Details

CAS No.	None
NIOSH No.	None
UN No.	None
Dangerous G. Class	None
Packaging Group	None
IMO Class	None
Poison Schedule	None
HAZCHEM	None
Sub Risk	None
EPG	None
IMDG Page	None

Label No class assigned


Shipping Name BURNAID

# Burnaid Burn Gel

## PHYSICAL PROPERTIES

Molecular Weight:	Not applicable
Boiling Range:	"
Melting Range:	"
Specific Gravity:	0.98 to 1.02
Water Solubility:	Miscible
Evaporation Rate:	Not available
State:	Gel
Vapour Pressure:	Not available
Volatile Component (%Vol):	"
Relative Vapour Density:	"
Flash Point:	Not applicable
Lower Explosive Limit (%):	"
Upper Explosive Limit (%):	"
Autoignition Temp (°C):	"
Decomposition Temp (°C):	Not available

## APPEARANCE & INGREDIENTS

Ingredient/Component	Quantity
<b>Dressings</b> - An open cell polyester foam impregnated with white/off white to slightly clear hydrogel with a tea tree oil odour contained in a plastic/foil/plastic laminate pouch	
<b>Gel Tubes/Sachets/Bottles</b> - A white/off white to slightly clear hydrogel with a tea tree oil odour contained in a plastic/foil/plastic laminate sachet, tube or bottle.	
<b>Single Use Dressing &amp; Sachet Gel</b> - Melaleuca Oil - Thickeners - Emulsifiers and Surfactants - Purified Water <b>Tube Gel</b> - Melaleuca Oil - Thickeners - Emulsifiers Surfactant - Triclosan - Purified Water	- 1% - > 90% - 4% - >90%
<b>Sterility</b> 	Single Use Sachets and Dressings are sterilised by Gamma Irradiation – Minimum dosage of 2.5kGy

## USE

A first aid burn gel for use on 1<sup>st</sup> and 2<sup>nd</sup> degree burns. Cools and soothes, offers pain relief and helps prevent secondary infection. Available in tubes, dispensers and gel impregnated open cell foam dressings

**SYNONYMS** - None

## HEALTH HAZARD

### ACUTE HEALTH EFFECTS

#### SWALLOWED

Considered an unlikely route of entry. It is doubtful whether enough could be ingested to cause any irritation to the gastro-intestinal tract, or cause any pain or vomiting. Pure Melaleuca Oil is considered toxic. However formulation under 25% are considered non toxic. Oral Toxicity Testing indicated the LD50 to be greater than 10g/kg, indicating very low potential irritancy.

# Burnaid Burn Gel

## EYE

Considered a possible mild irritant to the eye and may cause some smarting and redness. Acute Eye Irritation Testing using the Draize procedure indicated a very mild eye irritant.

## SKIN

Generally considered a non-irritant. Prolonged exposure may cause some mild irritation and redness in a very small number of people. In rare cases skin contact may cause some irritation during use. Acute Dermal Irritation and Skin Sensitisation Testing in accordance with Draize procedure indicated a non-irritant and non-sensitising.

## INHALATION

No hazard as product is non-volatile.

## CHRONIC

Prolonged contact may cause slight irritation or redness for a small number of people. Pure Melaleuca Oil is considered a mild irritant, however percentages under 10% are usually considered non-irritants.

## FIRST AID

### SWALLOWED

If swallowed, give a glass of water.

### EYE

If in contact with the eyes, hold eye open and flush out the eye - especially under the eyelids with fresh water or saline solution. Seek medical attention if any irritation continues.

### SKIN

If irritation occurs, discontinue use and wash off with fresh water.

### INHALATION

Not applicable.

### OTHER

Melaleuca Oil is generally considered a non-irritant in inert formula's below 10% concentration, and considered non toxic at levels of less than 25% concentration. Industry studies indicate allergic reaction to products containing less than 10% Melaleuca Oil is extremely rare, but when reported usually involves some redness and stinging of the skin.

Toxicity	LD50 > 10g/kg
Skin Sensitisation	Non irritant
Skin Irritation	Non irritant
Eye Irritation	1 Draize Scale - very mild irritant

## ADVICE TO DOCTOR

Treat symptomatically. Refer to individual constituents

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**PRECAUTIONS FOR USE**

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**EXPOSURE LIMITS**

None known

**OTHER EXPOSURE INFORMATION**

None

**ENGINEERING CONTROLS**

None

**PERSONAL PROTECTION**

No special equipment required for normal handling

**PROTECTIVE EQUIPMENT**

None required

**FLAMMABILITY**

Non flammable

**FIRE HAZARD**

None

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**SAFE HANDLING INFORMATION**

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**STORAGE AND TRANSPORT**

Store in packaging provided in a cool place. Avoid extreme temperatures and sharp objects that may pierce the pack. Do not use if packaging is damaged. Can be refrigerated but do not freeze.

**STORAGE PRECAUTIONS**

As above

**SHIPPING NAME (CSN)**

None

**SPILLS AND DISPOSAL**

Wipe up or absorb with sponge. Place in waste disposal.

**FIRE/EXPLOSION HAZARD**

None

**HAZARDOUS REACTION**

None known

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**OTHER INFORMATION**

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**ENVIRONMENTAL PROTECTION**

Generally considered non-hazardous to the environment.

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**CONTACT POINT**

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**Australia Poisons Information Centre**

24 Hour Service                      13 11 26

Police or Fire Brigade              000

**New Zealand Poisons Information Centre**

Dunedin                                  03 479 1200 (Normal Hours)  
   03 479 0999 (Emergency)

**DATE OF ISSUE**

September 2002

**DATE REVIEWED**

March 2008

The information contained in this data sheet is accurate to the best of our knowledge as of the date issued. It is the users obligation to assess that the product is suitable for the purpose chosen, and that it is used in accordance with the instructions.

Date: Jan. 2002

## MATERIAL SAFETY DATA SHEET

### Section I- Product Identification

Textilease Medique EMERGENCY PHONE: 1-800-634-7680
ADDRESS: 900 Lively Blvd Wood Dale, IL 60191
TRADE NAME: MEDIQUE
SYNONYMS: Bum Pump Spray

### Section II- Material Analysis/Active Ingredients

Component or Material Chemical Name	% of Mixture	CAS #	TLV
Benzocaine USP	5.0%	94-09-7	
Benzalconium Chloride	0.14%	68424-85-1	
		64-17-5	1000 ppm
Isopropyl Alcohol	46.86%	67-63-0	
Propylene Glycol	57-55-6		
Aloe Vera	0.50%	977023-61-2	
Menthol	89-78-1		
Purified Water	47.0%	NA	

### Section III- Physical Data

BOILING POINT	196°F
SOLUBILITY IN H2O % BY WT.	Completely miscible
SPECIFIC GRAVITY H2O=1	0.89
VAPOR PRESSURE PSI at 70°F	33 mm Hg
% VOLATILES by VOL.	47.0%
pH	N/A
APPEARANCE AND ODOR	Colorless liquid, medicinal odor analogous to rubbing alcohol

### Section IV- Fire and Explosion Data

FLASH POINT (Closed cup)	>200°F
FLAMMABLE EXPLOSIVE LIMITS (% volume in air)	Lower 4 vol% (% vol in air) Upper 24 vol% (%vol in air)
EXTINGUISHING METHODS	Alcohol type foam, CO2. Water spray. Water fog. Dry chemical
SPECIAL FIRE and EXPLOSION PROCEDURES	Water may be ineffective. Water can be used to cool and protect exposed material however may not be capable of extinguishing the fire unless under favorable conditions by experienced fire fighters trained in fighting all types of flammable liquid fires.
UNUSUAL FIRE and EXPLOSION HAZARD	Burning liquid may float on water.

## Section V- Health Hazard Information

### HEALTH HAZARD DATA ROUTES OF EXPOSURE

INHALATION	May irritate upper respiratory tract and cause numbness.
SKIN CONTACT	Mildly irritating
EYE CONTACT	Spray can cause pain and general inflammation
INGESTION	May cause irritation and vomiting
EFFECTS OF OVEREXPOSURE	Based on available data, repeated exposures are not anticipated to cause any significant adverse effects.

### EMERGENCY AND FIRST AID PROCEDURES

EYE	Flush with large amounts of water, lifting upper lids.
SKIN	Wash areas with soap and water
INGESTION	Rinse mouth, and consult a physician
INHALATION	Remove to fresh air

NOTES TO PHYSICIAN: N/A

## Section VI- Reactivity Data

CONDITION CONTRIBUTING TO INSTABILITY	Stable under normal storage conditions
INCOMPATIBILITY	Strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS	Oxides of carbon, aldehydes, and acids
CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION	Will not occur



## Section VII- Spill or Leak Procedures

### STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

NEUTRALIZING CHEMICAL	Flush spill area with water
WASTE DISPOSAL METHOD	Dispose of in accordance with state, local and federal regulations.

## Section VIII- Industrial Hygiene Control Measures

VENTILATION REQUIREMENTS:	Good general ventilation should be sufficient for most conditions.
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### SPECIFIC PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY (specific in detail)	None Required
EYE	None Required
GLOVES	None Required
OTHER CLOTHING AND EQUIPMENT	None Required

## Section IX- Special Precautions

PRECAUTIONARY STATEMENTS	Do not incinerate or store above 120°F. Flammable. Keep away from heat source.
OTHER HANDLING AND STORAGE REQUIREMENTS	Store in well ventilated areas, away from heat, direct sunlight, and sources of ignition. Keep away from oxidizing agents. Install protective caps for shipment.
DEPARTMENT OF TRANSPORTATION INFORMATION PROPER SHIPPING HAZARD CLASS	ORM-D

# MATERIAL SAFETY DATA SHEET

Identity: Eye Wash / Wound Irrigation Sterile, Buffered, Isotonic, Saline  
(Blue Label)

## Section 1

Manufacturer: **Aaxis Pacific** FAX: \_\_\_\_\_  
Emergency Telephone: \_\_\_\_\_

Prepared by: \_\_\_\_\_ Fax: +61 2 9838 8616 Date Prepared: 21/12/2004  
1/30-32 Foundry Rd, Seven Hills. NSW Sher Soa  
2147, Australia  
Telephone: +61 2 9838 9588

Components (Chemical Names & Common Name) Hazardous Component 1% or greater, Carcinogens 0.1% or greater.	CAS No.	%	OSHA PEL	ACGIH TLV	OTHER LIMITS
Sodium Chloride	7647-14-5	1 - 0.1			
Potassium Dihydrogen Phosphate	7778-77-0	1 - 0.1			
Sodium Hydroxide	1310-73-2	1 - 0.1			

Physical State:	LIQUID	Specific Gravity (H <sub>2</sub> O = 1)	≥ 1
Boiling Point:	100°C	Melting Point:	N/A
Vapour Pressure (mm Hg);	N/A	Evaporation Rate (Water = 1)	≥ 1
Vapour Density (Air = 1)	Unknown	Water Reactive:	None
Solubility in Water;	Good	Percent Volatile:	N/A
		pH:	7.0-7.4
Appearance and Odour:	Clear, Colourless Liquid, Odourless		

Flash Point	Non-Flammable		
Flammability Limits in Air % by Volume:	N/A		
Extinguisher Media:	Carbon Dioxide, Water, Foam		
Special Fire Fighting Procedure:	None	Auto Ignition Temperature	N/A
Unusual Fire and Explosion Hazards:	None	LEL:	N/A
		UEL:	N/A

Stability	Unstable;	No	Conditions to Avoid:	None
	Stable:	Yes		
Incompatibility (Materials to Avoid):	N/A			
Hazardous Decomposition Products:	N/A			

Hazardous Polymerization May Occur:	May Occur	No	Conditions to Avoid:	None
	May Not Occur:	Yes		
Eye Contact:	PRODUCT IS INTENDED FOR USE IN OCULAR AREA			
Skin Contact	PRODUCT HAS NO EFFECT			
Inhalation:	PRODUCT HAS NO EFFECT			
Ingestion	MAY CAUSE STOMACH DISCOMFORT IF LARGE AMOUNT INGESTED			

Identity:	Eye Wash Sterile, Buffered, Isotonic, Saline (Blue Label)

Emergency First Aid Procedure	SEEK MEDICAL ASSISTANCE FOR FURTHER TREATMENT, OBSERVATION AND SUPPORT AS NECESSARY
Eye Contact;	NONE REQUIRED
Skin Contact;	NONE REQUIRED
Inhalation;	NONE REQUIRED
Ingestion;	CALL A PHYSICIAN, IF STOMACH DISCOMFORT OCCURS.

Respiratory protection (Specify Type):	NONE			
Protection Gloves:	NONE	Eye Protection		NONE
Ventilation to be Used:	Local Exhaust	N/A	Special:	N/A
	Mechanical (General)	N/A	Other:	N/A
Other protective Clothing and Equipment:	NOT REQUIRED			
Hygienic Work Practices:	KEEP CONTAINER CLOSED WHEN NOT IN USE. ALWAYS READ LABEL BEFORE USE.			

Steps to be taken if Material is Spilled or Released:	MOP UP OR FLUSH DOWN SANITARY SEWER.						
Waste Disposal Methods:	IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATION						
Precaution to be taken in handling and Storage:	KEEP AT ROOM TEMPERATURE (15-30°C)						
Other Precaution and/or Special Hazards:	KEEP FROM FREEZING READ LABEL BEFORE USING.						
<b>HMIS Rating:</b>	Health:0	Flammability:	0	Reactivity:	0	Personal Protection:	0
<b>NFPA Rating:</b>	Health:0	Flammability:	0	Reactivity:	0	Personal Protection:	0

# MATERIAL 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.

**SAFETEC OF AMERICA**

## HMIS HAZARD RATING

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

## TRANSPORTATION INFORMATION

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

## SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)

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**Safetec Triple Antibiotic Ointment**

MANUFACTURER'S NAME

Safetec of America, Inc.

EMERGENCY TELEPHONE NUMBER (24 Hours)

(800) 255-3924

ADDRESS (NUMBER, STREET, P.O. BOX)

887 Kensington Avenue @ William L. Gaiter Pkwy.

TELEPHONE NUMBER FOR INFORMATION

(716) 895-1822

(CITY, STATE AND ZIP CODE)

Buffalo, NY 14215

DATE PREPARED

September 21, 2007

SUPERSEDES

September 1, 2004

## SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS

(SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))

CAS #

% (wt.)

(OPTIONAL)

ACGIH TLV/TWA/STEL

PPM

MG/M<sup>3</sup>

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 3 - HEALTH HAZARD DATA

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE

INHALATION: Not likely due to the physical state of the product.

EMERGENCY AND FIRST AID PROCEDURES

Remove to fresh air. Give artificial respiration if necessary.

EYES: Use only specified ophthalmic ointment in eyes. Topical ointment will cause eye irritation.

Flush eyes with copious amounts of water for at least 15 minutes.

INGESTION: May cause kidney, liver, and gastro-intestinal impairment; may induce dizziness, incoordination, sensory loss and deafness.

Induce vomiting. Do not give anything to an unconscious person.

SKIN: Non-toxic under standard application.

Wash with soap and water.

HEALTH HAZARDS (ACUTE AND CHRONIC): Acute: Allergy, kidney and liver impairment, dizziness, incoordination, sensory loss, deafness, nausea, vomiting and diarrhea.

Chronic: Repeated or prolonged exposure may cause allergic reactions in susceptible individuals.

CARCINOGENICITY

NTP?

No

IARC MONOGRAPHS?

No

OSHA REGULATED?

No

No additional information

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Susceptible individuals may have an allergic reaction

**MATERIAL SAFETY DATA SHEET**

IDENTITY (AS USED ON LABEL AND LIST)

**Safetec Triple Antibiotic Ointment**

Page 2 of 2

Date: September 21, 2007

**SECTION 4 - FIRE FIGHTING MEASURES**

ASH POINT (METHOD USED)

Not available

FLAMMABLE LIMITS (% Volume in Air for Lowest Flashing Component)

LEL: Not available

UEL: Not available

**EXTINGUISHING MEDIA**Use extinguishing media appropriate for the surrounding fire. Use alcohol foam, dry chemical or CO<sub>2</sub>.**SPECIAL FIRE FIGHTING PROCEDURES**

Wear full protective clothing.

**UNUSUAL FIRE AND EXPLOSIVE HAZARDS**

May emit toxic fumes.

**SECTION 5 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES****STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED**

Assure slippery conditions are nullified. Add sand or dirt. Scoop up and remove. Wash area with soap and water. Dispose in accordance with federal, state, and local regulations.

**WASTE DISPOSAL METHODS**

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.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Keep containers closed when not in use. Do not handle or store near heat, flames or oxidizers.

**SECTION 6 - 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 7 - PHYSICAL / CHEMICAL PROPERTIES****BOILING POINT**

343°C (650 °F)

**SPECIFIC GRAVITY (WATER=1)****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 8 - STABILITY AND REACTIVITY****STABILITY**

UNSTABLE:

STABLE: XXX

**CONDITIONS TO AVOID**

Heat and oxidizing

**INCOMPATIBILITIES (MATERIALS TO AVOID)**

Extreme heat, sparks, open flame, oxidizers, strong acids and alkalies.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

May give off fumes of carbon monoxide and carbon dioxide.

**HAZARDOUS POLYMERIZATION**

MAY OCCUR:

WILL NOT OCCUR: XXX

**CONDITIONS TO AVOID**

Temperatures above 300°C,

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

**SECTION I – PRODUCT IDENTIFICATION**

**PRODUCT:** **BZK Prep Pads and Towelette**  
*Product Trade Name:* Dukal BZK Pads and Towelette (private label included)  
*Chemical name and Synonyms:* Benzalkonium Chloride  
*Chemical Formula* C22H40ClN  
*Emergency Telephone Number:* 631-656-3800

**SECTION II – HAZARDOUS INGREDIENTS**

Hazardous Components (Specific Chemical Identity Common Name(s))	OSHA PEL	ACGIH TLV	Other	% (optional)
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No component over 1%

NFPA Health = 0 Flammability = 0 Reactivity = 0

**SECTION III – PHYSICAL / CHEMICAL CHARACTERISTICS**

*Physical State:* Individually sealed BZK Packet  
*Boiling Point:* N/A  
*Vapor Pressure (mm Hg):* N/A  
*Vapor Density:* N/A  
*Specific Gravity:* 0.878  
*Melting Point:* N/A  
*Evaporation Rate (Butyl Acetate=1):* N/A  
*Solubility in Water:* Complete  
*Appearance and Odor:* Clear, colorless

**SECTION IV – FIRE AND EXPLOSION HAZARD DATA**

*Flash Point (Method Used):* N/A  
*Flammable Limits:* N/A  
*LEL:* N/A  
*UEL:* N/A  
*Extinguishing Media:* Any Type  
*Special Fire Fighting Procedures:* Wear proper protection, fight fire from a safe distance.  
*Unusual Fire and Explosion Hazards:* None Known

**SECTION V- REACTIVITY DATA**

<b>Stability</b>	Stable
<b>Incompatibility (Materials to Avoid):</b>	None Known
<b>Hazardous Decomposition or Byproducts:</b>	None
<b>Hazardous Polymerization</b>	Will Not Occur

**SECTION VI- HEALTH AND HAZARD DATA****Route(s) of Entry:**

<i>Inhalation?</i>	None
<i>Skin?</i>	Discontinue if rash or irritation occurs
<i>Ingestion?</i>	None

**Health Hazards (Acute and Chronic):** Prolonged breathing of vapors may cause coughing, shortness of breath, intoxication. Eye contact may cause moderate irritation.

**Carcinogenicity**

<i>NTP?</i>	NA
<i>LARC Monograph?</i>	NA
<i>OSHA Regulated?</i>	NA

**Signs and Symptoms of Exposure:** Coughing, dizziness and watery eyes

**Medical Conditions Generally Aggravated by Exposure:** Sensitive or inflamed skin may become irritated.

**Emergency and First Aid Procedures:** If large quantities are ingested, administer warm water and contact physician. With eye contact, flush with water. If irritation persists, contact physician.

**SECTION VII- PRECAUTION FOR SAFE HANDLING AND USE**

<b>Steps to be taken in Case Material is Released or Spilled:</b>	Eliminate all sources of ignition and flush with large quantities of water spray.
<b>Waste Disposal Method:</b>	Follow local, state and federal regulations
<b>Storage:</b>	None



**Material Safety Data Sheet (MSDS)**

Dukal Corporation  
5 Plant Avenue  
Hauppauge, NY 11788  
631-656-3800

**BZK Prep Pads and Towelette**

*Precautions to Be taken in Handling and Storage:* None Known

*Other Precautions:* None Known

**SECTION VIII- CONTROL MEASURES**

*Respiratory Protection (Specific Type):* NA

**Ventilation**

*Local Exhaust:* None

*Mechanical (General):* None

*Special:* NA

*Other:* NA

*Protective Gloves:* NA

*Eye protection:* Goggles: Use eye bath if eye contact occurs.

*Other Protective Clothing or Equipment:* NA

*Work / Hygiene Practices:* Good hygienic practice.

**SECTION IX- INTERNATIONAL TRANSPORT INFORMATION**

*Product Class:* DOT not regulated

*UN Number:*



**Material  
Safety  
Data  
Sheet**



IDENTITY	<b>Rapid Aid Instant Cold Pack</b>
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**Section I**

Manufacturer's Name <b>Rapid Aid Ltd.</b>	Emergency Telephone Number <b>905-820-4788</b>
Address <b>4120A Sladeview Crescent Units 1-4</b>	Telephone Number for Information <b>905-820-4788</b>
<b>Mississauga, Ontario</b>	Date Prepared <b>December 17, 2007</b>
<b>L5L 5Z3</b>	Signature of Preparer <i>(optional)</i>

**Section II - Hazard Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% <i>(optional)</i>
<b>Ammonium Nitrate</b>	N/A	10 mg/M <sup>3</sup>	N/A	

**Section III - Physical/Chemical Characteristics**

Boiling Point	Decomposes @ <b>350°F</b>	Specific Gravity (H <sub>2</sub> O = 1)	<b>1.725</b>
Vapor Pressure (mm Hg.)	<b>Not applicable</b>	Melting Point	<b>Not applicable</b>
Vapor Density (AIR = 1)	<b>Not applicable</b>	Evaporation Rate (Butyl Acetate = 1)	<b>Not applicable</b>
Solubility in Water: <b>Complete</b>			
Appearance and Odour : <b>White, Odourless solid chemical with water bag</b>			

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) <b>Not Applicable</b>	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media			
Flood and cool hot nitrate with straight stream nozzles. Do not use flat water. Water is effective in desensitizing molten or contaminated nitrate.			
Special Fire Fighting Procedures			
Immediately ventilate structure. Do not use spray or fog nozzles. Use straight stream nozzles to cool and desensitize molten nitrate. Respiratory protection required for fire fighting personnel. When any fire is burning out of control and water cannot safely be applied to desensitize, nitrate fire crews should withdraw a safe distance and use unmanned fire lines			
Unusual Fire and Explosion Hazards			
Decomposes into flammable and hazardous nitrogen oxides. As an oxidizer, it yields nitrous oxide readily to stimulate the combustion of organic matter or ether fuel. In unconfined fire situations, ammonium nitrate fertilizer creates a self-limiting effect as the endothermic effect of its dissociation into ammonia and nitric acid absorbs the heat produced by the exothermic decomposition of nitrous oxide and water vapour. Ammonium nitrate fertilizer is not explosive. Detonation potential under confinement and high temperatures, or when heated with contaminants such as organic or carbonaceous material, metallic powders, acids, or combination with copper produces tetramine cupric hydrate, a salt with high sensitivity. Zonal decomposition a possibility.			

## Section V - Reactivity Data

Stability	Unstable	<input checked="" type="checkbox"/>	Conditions to Avoid
	Stable	<input type="checkbox"/>	Heat and fire. Insensitive to impact in dry form
Incompatibility ( <i>Materials to Avoid</i> )			
<b>Chemical from damaged cold pack should not be mixed with acetic acids, metals, chlorides, organic matter, phosphorous, sodium, potassium, sulphur, inorganic zinc, copper. Copper represents the greatest contamination hazard</b>			
Hazardous Decomposition or Byproducts			
<b>Hazardous oxides of nitrogen.</b>			
Hazardous Polymerization	May Occur	<input type="checkbox"/>	Conditions to Avoid
	Will Not Occur	<input checked="" type="checkbox"/>	Heat and fire

## Section VI - Health Hazard Data

Route(s) of Entry:	Eye contact; Skin contact; Inhalation; Ingestion
Health Hazards ( <i>Acute and Chronic</i> )	
<p>Dry chemical of cold pack may be an eye irritant, Dry chemical of cold pack is a skin irritant with prolonged contact, Dry chemical of cold pack has slight to moderate toxicity when ingested, Minimal hazard of inhalation under normal conditions. No health hazards when dry chemical and water are in solution.</p>	
Carcinogenicity: N/A	
Signs and Symptoms of Exposure	
<p>Eye contact with dry chemical may result in eye discomfort and aggravation.. Skin contact with dry chemical may result in mechanical discomfort and rash with prolonged contact. Swallowing large amounts of dry chemical may have serious or even fatal effects. Inhalation of large amounts of dry chemical dust may have serious or even fatal effects.</p>	
Medical Conditions Generally Aggravated by Exposure	
Not Available	
Emergency and First Aid Procedures (for dry chemical of the Cold Pack)	
Eyes	
<p>If material gets into the eyes, immediately flush eyes gently with water for at least 15 minutes while holding eyelids apart. Seek immediate medical attention.</p>	
Skin	
<p>Wash with mild soap and water.</p>	
Swallowing	
<p>DO NOT induce vomiting. If person is conscious, dilute stomach contents with 48 oz. of water and seek medical attention. Contact poison control for advise.</p>	
Inhalation	
<p>Exposure to thermal decomposition – evacuate person to fresh air, give respiratory support. Seek immediate medical attention.</p>	

## Section VII - Precautions for Safe Handling and Use

<p>Steps to Be Taken in Case Material is Released or Spilled</p> <p><b>Sweep up material for disposal</b></p>
<p>Waste Disposal Method</p> <p><b>Dispose product in trash</b></p>
<p>Precautions to Be taken in Handling and Storing</p> <p>Avoid contact with incompatible materials. Avoid exposure to heat sources. Avoid contamination with organic matter. Do not store near food stuff.</p>
<p>Other Precautions</p> <p><b>None</b></p>

## Section VIII - Control Measures

<p>Respiratory Protection (<i>Specify Type</i>)</p> <p><b>Adequate to control dust</b></p>		
Ventilation	Local Exhaust <b>Not Required</b>	Special <b>Not Required</b>
	Mechanical ( <i>General</i> ) <b>Not Required</b>	Other <b>Not Required</b>
Protective Gloves <b>Conventional work gloves</b>	Eye Protection <b>Safety glasses with side shields</b>	
<p>Other Protective Clothing or Equipment</p> <p><b>Not Required</b></p>		
<p>Work/Hygienic Practices</p> <p><b>Standard</b></p>		