



SAFETY DATA SHEET

ITEM: Blue Water First Aid Kit

PART #	UPC
841	077403614639

CONTENTS:

Alcohol Prep / Swab SDS
Allergy / Antihistamine Drug Fact Sheet
Antacid Drug Fact Sheet
Antiseptic Towelette SDS
Aspirin SDS
Eye Wash SDS
First Aid Burn Cream SDS
Ibuprofen Drug Fact Sheet
Instant Cold Pack SDS
Motion Sickness Tablets SDS
Nasal Decongestant Drug Fact Sheet
Non Aspirin, Extra Strength SDS
Sting and Bite Pad SDS
Triple Antibiotic Ointment SDS

SHIPPING INFORMATION

Consumer Commodity, ORM-D
UN3316



SAFETY DATA SHEET

SECTION 1. Product and Company Identification

PRODUCT NAME: Alcohol Preparation Pads/Swab

RECOMMENDED USE: Topical skin antiseptic

Product Code: AM-20200, 1113, 1114, 1116, PK-1114

Manufacturer's Name: Dynarex Corporation

SECTION 2. Hazards Identification

Main Hazards:

Highly flammable; irritation to eyes; vapor may cause drowsiness and dizziness

Absorption:

Eye contact; ingestion; inhalation; skin contact

Carcinogenic Status:

Not considered carcinogenic by NTP, IARC, and OSHA

Target Organs:

Central nerves system; skin; eye; liver; respiratory system

Health Effects:



Eyes – Liquid, mist or vapor will cause conjunctival irritation and possible corneal damage.

Skin – Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis. Liquid may be absorbed through the skin but not in toxicologically significant amounts, unless the contact area is large and under prolonged exposure.

Ingestion – Swallowing a small amount may have the effect of any of these symptoms: irritation of mouth, throat, digestive tract, and central nerves system depression.

Ingestion – A large dose may have the effect of any of these symptoms: dizziness, drowsiness, headache, mental confusion, nerve damage leading to numbness and muscle weakness, fall of blood pressure, liver damage, lung damage.

Inhalation – Exposure to vapor may have the effect of any of these symptoms: irritation of nose, throat and respiratory tract, central nerve system depression.

Inhalation – Exposure to vapor at high concentration may have the effects of any of these symptoms: dizziness, drowsiness, headache, mental confusion, lung damage, fall of blood pressure, liver damage, nerve damage leading to numbness and muscle weakness.

SECTION 3. Composition/information on Ingredients

Hazardous Ingredients (specific)	% Composition	CAS Number
Isopropyl Alcohol (2-Propanol)	70%	67-63-0
Inactive Ingredient		
Water	30%	7732-18-5



SECTION 4. First-aid measures

Eyes:

Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

Skin:

Immediately flood the affected skin area with large quantity of water, preferably under a shower. Remove contaminated clothing and continue washing. Contaminated clothing should be washed thoroughly before re-use. Obtain medical attention if blistering of the skin occurs or redness persists.

Ingestion:

Do not induce vomiting. Have victim drink several large glasses of water to dilute the stomach contents. Give the victim oxygen if he/she has difficulty in breathing. Obtain medical attention immediately.

Inhalation:

Remove the victim from exposure immediately. Give the victim oxygen if he/she has difficulty in breathing. Obtain medical attention immediately.

MEDICAL PERSONNEL:

Monitor the victim for systemic secondary effects on liver and kidney functions. Support and treat as appropriate.

SECTION 5. Fire-fighting measures

Flash Point – 20°C/68°F

Boiling Point – 80°C/176°F



Extinguishing Media – Dry Chemical or Alcohol Type Foam, Carbon Dioxide

Be aware of the possibility of re-ignition. Keep containers and surroundings cool with water spray.

Unusual Fire and Explosion Hazards –

Class 3 Flammability. Vapor can travel a considerable distance to a source of ignition and flashback. Flashback can occur if air temperature exceeds flash point. Be aware the possibility of re-ignition.

Special Fire Fighting Procedures –

Handle as Flammable Liquid. Use Respiratory Protection. Wear full protective clothing for Fire Fighting Personnel.

SECTION 6. Accidental release measures

- Flush spills with water.
- Contain and absorb using soil, sand, or other inert material.
- Vapor can accumulate in low areas. Consider the need for evacuation.
- Prevent the material from entering drains or water courses.

SECTION 7. Handling and storage

- Eliminate all sources of ignition. Store away from heat.
- Store in well ventilated area.
- Handle as flammable liquid. Follow local, state and federal regulations.
- Avoid inhaling vapor. Avoid contact with eyes, skin and clothing.
- Wear eye protection if splashing is expected.
- Wear appropriate protective clothing.
- Use respirator if exposure level is high when handling bulk liquid.
- Keep container tightly closed when not in use.



SECTION 8. Exposure controls/personal protection

- OSHA Occupation Exposure Standards PEL 400ppm (980mg/m³) 8h TWA
- UK EH40: OES 400ppm (980mg/m³) 8h TWA
- UK EH40: OES 500ppm (1225mg/m³) 15min TWA
- ACGIH: TLV 200ppm (980mg/m³) 8h TWA
- ACGIH: STEL 400ppm (1225mg/m³) 15min TWA
- Personal Protective Equipment
 - Gloves
 - Eye
 - Clothing

SECTION 9. Physical and chemical properties

Appearance – Liquid Saturated Towelette / Pad / Swab
Color – Clear
Odor – Alcohol
Vapor Density – 2.1 (Air = 1)
Viscosity (cSt) – 2.9 cps at <@2> °C

Evaporation Rate – Environmental Dependent
Water Solubility – Complete
Specific Gravity – 0.8405

SECTION 10. Stability and reactivity

Stability –	Stable under normal conditions
Conditions to Avoid –	None
Incompatibility –	None
Hazardous Decomposition or By-product –	Oxides of carbon



Polymerization –

Will Not Occur.

SECTION 11. Toxicological information

Acute Toxicity

- Low level of acute toxicity predicted.
- May be harmful by skin absorption.
- Oral LD50 (rat) 5045mg/kg.
- Dermal LD50 (rabbit) 12800mg/kg.
- Inhalation LCLO (rat) 1600ppm 4h.

Chronic Toxicity / Carcinogenicity

- Material not expected to cause long-term adverse health effects.
- Material not classifiable as to its carcinogenicity to humans (Group 3).
- Chronic / Sub-chronic studies resulted in adverse effects to:
 - Liver, spleen, biochemical effects, brain tissue degeneration, changes in reflex behavior, sensory nerve damage.

Genealogy Toxicity

- Material is not expected to cause any mutagenic effects.

Reproductive / Developmental Toxicity

- Material is not expected to cause reproductive or developmental health effects.
- Experimental studies in animals have provided some evidence of embryo / fetus toxicity and birth defects only at does producing marked maternal toxicity.

SECTION 12. Ecological information

- Mobility



- If released to soil, IPA is expected to have very high mobility
- Persistence / Degradability
- IPA is readily degraded in aerobic aqueous systems
- Bio-accumulation

- Low potential for bio-concentration in aquatic organisms

SECTION 13. Disposal considerations

- Transfer into suitable containers for recovery or disposal.
- Dispose in accordance with all applicable local and national regulations.
- Do not remove labels from container until the container has been cleaned.
- Do not cut, puncture or weld on or near the container.
- Do not incinerate closed containers.
- Empty containers may contain hazardous residues

SECTION 14. Transport information

- DOT CFR 172.101
- Not regulated per 49 CFR 173.4 Small Quantity Exemption

SECTION 15. Regulatory information

This product is compliant with the following:

- EU Label: Classification and labeling have been performed according to EU Directive 67/548/EEC and 99/45/EC including amendments
- EU Hazard Symbol and Indication of Danger
- F – Highly flammable
- Xi – Irritant
- R11 – Highly flammable



- R36 – Irritating to eyes
- R67 – Vapors may cause drowsiness and dizziness
- S2 – Keep out of reach of children
- S7 – Keep container tightly closed
- S16 – Keep away from sources of ignition – No smoking
- S24 / S25 – Avoid contact with skin and eyes
- S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- US (Federal and State) Regulations and International Chemical Registration Laws TSCA listing
- This product contains ingredients that are listed on or exempt from listing on the EPA Toxic Substance Control Act Chemical Inventory
- This product does not contain any chemicals subject to EPA Title III of the SARA Listing in Sections 302 and 304
- All ingredients in this product are listed on the European Inventory of Existing Commercial Chemical Substance (EINECS Listing) or are exempted from listing
- All ingredients in this product are listed on the Canada Domestic Substance List (DSL Listing)

SECTION 16. Other information

Disclaimer:

This Safety Data Sheet, which takes into consideration the requirements of Directive 76/768/EC and subsequent amendments and Directive 1999/45/EC plus subsequent amendments, has been prepared in accordance with Directive (EC) 1907/2006. It is believed to be correct and corresponds to the latest scientific/technical knowledge but all data, instructions, recommendations and/or suggestions are made without guarantee. No warranty, expressed or implied, is made and Dynarex Corp. assumes no legal responsibility or liability resulting from its use.

Drug Facts

Active ingredient (in each caplet)

Diphenhydramine Hydrochloride 25 mg.....Antihistamine

Purpose

Uses

Temporarily relieves these symptoms due to hay fever or other respiratory allergies

- runny nose
- sneezing
- itching nose or throat
- itchy-watery eyes

Temporarily relieves these symptoms due to the common cold

- runny nose
- sneezing

Warnings

Do not use

- to make a child sleepy
- with any other product containing diphenhydramine, even one that is used on skin.

Ask a doctor before use if you have

- a breathing problem such as emphysema or chronic bronchitis
- difficulty in urination due to enlargement of the prostate gland
- glaucoma

Ask a doctor or pharmacist before use if you are

- taking sedatives or tranquilizers

When Using This Product

- marked drowsiness may occur
- avoid alcohol beverages
- alcohol, sedatives and tranquilizers may increase the drowsiness effect
- use caution when driving a motor vehicle or operating machinery
- excitability may occur, especially in children

If pregnant or breast feeding, ask a health professional before use.

Keep out of the reach of children. In case of overdose, contact a physician or poison control center immediately.

Drug Facts (continued)

If pregnant or breast feeding, ask a health professional before use.

Keep out of the reach of children. In case of overdose, contact a physician or poison control center immediately.

Directions

- do not use more than directed

Adults and children: (12 years and older)

Take 1 to 2 caplets every 4 to 6 hours as needed. Do not take more than 12 caplets in 24 hours, or as directed by a doctor.

Children under 12 years:

Do not give to children under 12 years of age.

Other information

- each caplet may contain: calcium 25mg
- store at room temperature 59°-86°F (15°-30°C)
- protect from light
- use by expiration date on packet
- tamper-evident sealed packets
- do not use any opened or torn packets

Inactive ingredients

carnauba wax*, colloidal silicon dioxide, croscarmellose sodium, D&C red #27, dicalcium phosphate*, hypromellose, lactose*, magnesium stearate, microcrystalline cellulose, polyethylene glycol, polysorbate 80*, titanium dioxide

*may contain

Retain carton for complete product information

Drug Facts

Active ingredient (in each tablet) **Purpose**
Calcium Carbonate 420 mg Antacid

Uses

For the relief of the following symptoms associated with

- acid indigestion
- sour stomach
- heartburn
- upset stomach

Warnings

Ask a doctor or health professional before use if you have

- been taking a prescription drug. Antacids may interact with certain prescription drugs.
- kidney stones
- a calcium-restricted diet

Stop using this product and ask a doctor if

- symptoms last more than 2 weeks.

Do not exceed recommended dosage.

Keep this and all drugs out of the reach of children.

As with any drug, if you are pregnant or nursing a baby, seek the advice of a health professional before using this product.

Drug Facts *(continued)*

Directions

- do not use more than directed

Adults and children:
(12 years and older)

Chew 2 tablets every 2 or 3 hours as symptoms occur or as directed by a physician. Do not take more than 19 tablets in a 24 hour period, or use the maximum dosage of this product for more than 2 weeks, except under the advice and supervision of a physician.

Children under 12 years:

Do not give to children under 12 years of age.

Other information

- Phenylketonurics: contains phenylalanine 1.5 mg per tablet
- each tablet contains 168 mg of elemental calcium
- store at room temperature in a dry place 15° - 30°C (59° - 86°F)
- tamper-evident sealed packets
- do not use any opened or torn packets

Inactive ingredients

aspartame*, croscarmellose sodium*, gum acacia*, magnesium stearate, maltodextrin, mineral oil*, mint flavor, sorbitol*, sucrose*

*May contain



SAFETY DATA SHEET

SECTION 1. Product and Company Identification

PRODUCT NAME: BZK Antiseptic Towelette
PRODUCT USE: Antiseptic

Product Code: 1303, 1331

Manufacturer's Name: Dynarex Corporation

SECTION 2. Hazards Identification

Emergency Overview	Contact with liquid may cause eye and skin irritation
Potential short term health effects	
Routes of exposure	Eye, skin contact, skin absorption, Inhalation, Ingestion.
Eyes	May cause irritation.
Skin	In case of skin irritation, discontinue use of the product.
Inhalation	Not a normal route of exposure. May cause respiratory tract irritation.
Ingestion	Not a normal route of exposure. May cause stomach distress, nausea or vomiting.



Target organs

Eyes. Skin

Chronic effects

Prolonged or repeated exposure can cause drying defatting and dermatitis.

Signs and symptoms

Symptoms may include redness, edema, drying, defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea.

SECTION 3. Composition/information on Ingredients

Ingredients	CAS Number	%
BZK	8001-54-5	0.13
Water	7732-18-5	99.87

SECTION 4. First-aid measures

First aid procedures

Eye Contact

Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.

Skin Contact

In case of skin irritation, discontinue use of product.

Inhalation

Not a normal route of exposure. If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion

Not a normal route of exposure. Do not induce vomiting, Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.



Notes to physician

Symptoms may be delayed.

General advice

If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Keep out of reach of children. Avoid contact with eyes.

Flammable Limits: N/A

Flash Point: N/A

SECTION 5. Fire-fighting measures

Flash Point: Not Available

Flammable Limits: Not Available

Extinguishing Media: Any

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

SECTION 6. Accidental release measures

- | | |
|---------------------------------|---|
| Personal precautions: | Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak. |
| Methods for containment: | Prevent entry into waterways, sewers, basements or confined areas. |
| Methods for cleaning up: | Pick up and discard towel. |

SECTION 7. Handling and storage

- | | |
|------------------|--|
| Handling: | Use good industrial hygiene practices in handling this material. |
| Storage: | Keep out of reach of children. Store in a closed container away from incompatible materials. |



SECTION 8. Exposure controls/personal protection

Engineering controls:	General ventilation normally adequate.
Personal protective equipment	
Eye/Face protection	Follow standard industrial hygiene practices.
Hand protection	Not required.
Skin and body protection	As required by employer code.
Respiratory protection	Where exposure guideline levels may be exceeded, use and approved NIOSH respirator.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink.

SECTION 9. Physical and chemical properties

Appearance/Odor:	Liquid saturated on wipe
Color:	Clear liquid
Form:	Liquid saturated on wipe
Odor:	Characteristic
Odor Threshold:	Not available
Physical State:	Solid
Boiling Point:	<200°F
Paper Components:	100% Virgin Paper
Specific Gravity:	1

SECTION 10. Stability and reactivity

Chemical Stability: Stable under recommended storage conditions.
Incompatibility: Caustics. Acids. Oxidizers.



Hazardous Decomposition Products: May include and are not limited to: oxides of carbon; hydrogen chloride.

Hazardous Polymerization: Will not occur.

Conditions to avoid: Do not mix with other chemicals.

SECTION 11. Toxicological information

Effects of acute exposure

Eye	May cause irritation
Skin	In case of skin irritation, discontinue use of the product.
Inhalation	Not a normal route of exposure. May cause respiratory tract irritation.
Ingestion	Not a normal route of exposure. May cause stomach distress, nausea or vomiting.
Sensitization	Non-hazardous by WHMIS/OSHA criteria.
Chronic Effects	Non-hazardous by WHMIS/OSHA criteria.
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

Ecotoxicity Not available

Environmental effects Not available

Aquatic toxicity Not available

Persistence / degradability Not available

Bioaccumulation / accumulation Not available



Partition coefficient Not available

Mobility in environmental media Not available

Chemical fate information Not available

Other adverse effects Not available

SECTION 13. Disposal considerations

Waste codes: Not available

Disposal instructions: Discard after single use.

Review federal, state/provincial, and local government requirements prior to disposal.

Discard with solid waste. Dispose in accordance with all applicable regulations.

Waste from residues / unused products: Not available

Contaminated packaging: Not available

SECTION 14. Transport information

U.S. Department of Transportation (DOT) Not regulated as dangerous goods.

Transportation of Dangerous Goods (TDG - Canada) Not regulated as dangerous goods.

SECTION 15. Regulatory information

Canadian federal regulations This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

US Federal regulations This product is not known to be 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 No chemical

CERCLA (Superfund) reportable quantity

Benzene: 10.0000

Benzene, methyl-: 1000.0000

Benzene, (chloromethyl)-: 100.0000

Propylene oxide: 100.0000

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Immediate Hazard - No

Delayed Hazard - No

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical No

Clean Air Act (CAA) Not available

Clean Water Act (CWA) Not available

Safe Drinking Water Act (SDWA) Not available

Drug Enforcement Agency (DEA) Not available

Food and Drug Administration (FDA) Not available

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

SECTION 16. Other information

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DRUG FACTS PAC-KIT ASPIRIN TABLETS

Pac-Kit Safety Equipment Co.

Applies to: Unit dose packets of two tablets each, packaged in the following box counts: Stock #20-112, 12/box; Stock #20-155, 50/box; Stock #20-150, 100/box; Stock #20-125, 250/box; Stock #20-199, 500/box

Specification last updated: 8/29/05

<i>Active Ingredients (in each tablet)</i>	<i>Purpose</i>
Aspirin 325 mg.	Pain Reliever/Fever Reducer

Uses

For the temporary relief of pain from: • Headaches • Fever • Minor Pain

Warnings

ALLERGY ALERT: Aspirin sensitive patients, do not take this product if you have had a severe allergic reaction to Aspirin (e.g., asthma, swelling, shock or hives) or if you have stomach problems (such as heartburn, upset stomach or stomach pain) that persist or recur, or if you have gastric ulcers or bleeding problems.

REYE SYNDROME: Children and teenagers should not use this medicine for chicken pox or flu symptoms before a physician is consulted about Reye Syndrome, a rare but serious illness reported to be associated with Aspirin.

ALCOHOL WARNING: If you consume 3 or more alcoholic drinks every day, ask your doctor whether you should take Aspirin or other pain relievers/fever reducers. Aspirin may cause stomach bleeding.

DO NOT USE UNLESS DIRECTED BY YOUR PHYSICIAN IF:

- You are currently under a doctor's care or are taking prescription drugs
- You have previously had reactions to this or any other non-prescription pain reliever

WHEN USING THIS PRODUCT:

- Do not exceed recommended dosage unless under the advice of your physician, use the smallest effective dose. Do not use if the expiration date has passed.

STOP USING AND ASK A DOCTOR IF:

- Pain persists for more than 10 days for adults or 5 days for children
- Fever persists for more than three days
- Redness is present
- Ringing in the ears or hearing loss occurs
- An allergic reaction occurs
- Conditions worsen, or clear up and then recur

Keep this and all drug products out of the reach of children. In case of an accidental overdose, contact a physician or poison control center immediately. Prompt medical attention is critical for children as well as adults, even if you do not see any signs or symptoms. **If you are pregnant or nursing a baby, as with any drug, contact a health professional before using this product. It is especially important not to use Aspirin during the last three months of pregnancy as it may cause problems with the unborn child or complications during delivery.**

Directions:

Tamper evident packaging, do not use if the packet is opened or torn.

Adults: 1 to 2 tablets every 4 hours as needed, do
. not exceed 12 tablets in 24 hours

Children under 12: Consult your doctor

Other information: Store at room temperature

Inactive Ingredients: May contain Cellulose, Croscarmellous Sodium, Hydroxypropyl

MATERIAL SAFETY DATA SHEET

EYE WASH (OCUWASH)

MSDS EW 01

PRODUCT AND COMPANY INFORMATION - SECTION 1

PRODUCT: Eye wash (OCUWASH)
MANUFACTURER/ OcuVent, LLC
DISTRIBUTORS:

PRODUCT NAME: OCUWASH (1 oz, 16 oz, 32 oz)
INTENDED USE: For flushing the eyes and skin to reduce chances of severe injury caused by loose foreign material, air pollutants, acids and alkali.

MATERIAL IDENTIFICATION AND INFORMATION - SECTION 2

ACTIVE INGREDIENT: Purified Water (98%)
INACTIVE INGREDIENTS: Edentate Disodium Dihydrate, Sodium Chloride, Sodium Phosphate Dibasic, and Sodium Phosphate Monobasic.

PHYSICAL AND CHEMICAL CHARACTERISTICS - SECTION 3

PHYSICAL STATE: Liquid
APPEARANCE AND ODOR: Clear, water like liquid with no discernable odor/odorless
PH: 6.9-7.4
VAPOR DENSITY: Not determined
BOILING POINT: 200⁰F (93.3⁰C)
MELTING POINT: N/A
SPECIFIC GRAVITY: Not determined
WATER REACTIVITY: None
SOLUBILITY IN WATER: Highly soluble

HAZARDS IDENTIFICATION - SECTION 4

PRECAUTIONS: This is an aqueous solution intended to use as a general eye and skin flush. If any discomfort develops, immediately discontinue using this product. If discomfort persists contact your eye care professional. Use in accordance with product literature. If you are allergic to any of ingredients above DO NOT USE.

EMERGENCY OVERVIEW: The product applicable to this MSDS is stable, safe and presents no immediate or long-term health hazard IF USED ACCORDING TO INSTRUCTION. However, abnormal entry may require immediate medical attention.

MATERIAL SAFETY DATA SHEET

EYE WASH (OCUWASH)

MSDS EW 01

POTENTIAL HEALTH EFFECTS - SECTION 5

EYE CONTACT: Non-irritating to the eyes when used as directed.
SKIN CONTACT: Non-irritating to the skin and mucous when used as directed.
INHALATION: No hazards.
INGESTION: Ingestion of volumes in excess of 20 liters may cause gastric irritation. Call a physician or Poison Control Center for help.
CHRONIC HEALTH EFFECTS: No known chronic hazards.

FIRE and EXPLOSION MEASURES - SECTION 6

HEALTH	FIRE	REACTIVITY	OTHER
0	0	0	0

FLASHPOINT: N/A (non-combustible) METHOD USED: N/A
FLAMMABILITY LIMITS: N/A
UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A
SPECIAL FIRE FIGHTING INSTRUCTION: This is a non-flammable aqueous solution. As in any fire, wear self-contained breathing apparatus and full protective gear.

ACCIDENTAL RELEASE MEASURES - SECTION 7

Flush the area with water. The solution is not a RCRA hazardous list substance.

HANDLING & STORAGE - SECTION 8

No special handling is required. Store at room temperature to maintain product integrity. Do not expose to excessive heat and cold.

EXPOSURE CONTROLS/PERSONAL PROTECTION - SECTION 9

EYE PROTECTION: No special control or personal protection required
SKIN PROTECTION: Not required
RESPIRATORY PROTECTION: Not required
VENTILATION: N/A
PROTECTIVE CLOTHING OR EQUIPMENT: Not required
EMERGENCY FIRST AID PROCEDURE: SEEK MEDICAL ASSISTANCE FOR TREATMENT, OBSERVATION AND SUPPORT IF NECESSARY.

STABILITY & REACTIVITY - SECTION 10

This product is stable and considered non-reactive under normal conditions of storage and usage.

MATERIAL SAFETY DATA SHEET

EYE WASH (OCUWASH)

MSDS EW 01

TOXICOLOGICAL INFORMATION - SECTION 11

No acute or chronic toxic effects expected when used according to directions.

ECOLOGICAL INFORMATION - SECTION 12

No ecological impacts are to be considered when used according to directions.

No data available on the environmental impact of this product.

DISPOSAL CONSIDERATIONS - SECTION 13

This solution is not on hazard lists so follow normal solution disposal rules. All disposal methods must be in compliance with local laws and regulations.

OTHER INFORMATION - SECTION 14

Final determination of suitability of any material is the sole responsibility of the users. All materials may present unknown hazards depending upon the person and should be used with caution.



MATERIAL SAFETY DATA SHEET

First Aid Burn Cream	MSDS No.:	007
	Revision No.:	5

PRODUCT AND COMPANY INFORMATION – SECTION 1	
Manufacturer/Distributor	Water-Jel Technologies
Product Name:	First Aid Burn Cream
Synonyms:	Topical Cream, Burn Cream
Intended Use:	First aid to help prevent infection and for temporary relief of pain in minor cuts, scrapes, and burns. For external use only.

COMPOSITION INFORMATION – SECTION 2		
In accordance with 29 CFR § 1910.1200 (i) (1) the specific chemical identity of this product is being withheld as a trade secret.		
Chemical Name:	Cetyl Alcohol	
Percent:	Proprietary	
CAS Number:	36653-82-4	
Exposure Limits:	None Established	
Chemical Name:	Germaben II	
Percent:	Proprietary	
CAS Number:	No information available.	
Exposure Limits:	None Established	
Chemical Name:	Glycerin	
Percent:	Proprietary	
CAS Number:	56-81-5	
Exposure Limits:	ACGIH TWA (Glycerin Mist):	OSHA PEL (Glycerin Mist):
	<u>Total Dust:</u> 15 mg/m ³	<u>Total Dust:</u> 10 mg/m ³
	<u>Respirable Fraction:</u> 5 mg/m ³	<u>Respirable Fraction:</u> 5 mg/m ³
Chemical Name:	Glyceryl Monostearate SE (Glyceryl Stearate)	
Percent:	Proprietary	
CAS Number:	31566-31-3	
Exposure Limits:	<u>TWA (Stearates):</u> 10 mg/m ³	

MATERIAL SAFETY DATA SHEET

First Aid Burn Cream	MSDS No.:	007
	Revision No.:	5

Chemical Name:	White Mineral Oil
Percent:	Proprietary
CAS Number:	8042-47-5
Exposure Limits:	None Established
Chemical Name:	Peg 100
Percent:	Proprietary
CAS Number:	25322-68-3
Exposure Limits:	None Established
Chemical Name:	Stearic Acid
Percent:	Proprietary
CAS Number:	57-11-4
Exposure Limits:	None Established

HAZARDS IDENTIFICATION – SECTION 3	
EMERGENCY OVERVIEW & HAZARDS PRESENT TO MAN AND THE ENVIRONMENT	May cause irritation to eyes and may cause irritation of the digestive tract when ingested.
PRIMARY ROUTES OF EXPOSURE	Eye contact, Ingestion
<u>POTENTIAL HEALTH EFFECTS:</u>	
Eyes:	May cause irritation, characterized by a burning sensation, redness, tearing, inflammation, dryness, and possible other effects.
Skin:	No adverse conditions expected.
Inhalation:	Unlikely route of exposure.
Ingestion:	May cause irritation of the digestive tract.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:	No information available.
<u>CHRONIC HEALTH EFFECTS:</u>	
<i>Eyes:</i>	Flush eyes with clear running water for a minimum of fifteen (15) minutes while holding eyelids open; if irritation persists, seek medical attention.
<i>Skin:</i>	No adverse conditions expected.
<i>Inhalation:</i>	Unlikely route of exposure.
<i>Ingestion:</i>	Rinse out mouth and drink lots of water. In case of unusual symptoms, seek medical attention and show physician the container details.

MATERIAL SAFETY DATA SHEET

First Aid Burn Cream	MSDS No.:	007
	Revision No.:	5

FIRST AID MEASURES – SECTION 4	
SEEK MEDICAL ATTENTION FOR ALL CASES OF OVEREXPOSURE.	
<u>FIRST AID MEASURES:</u>	
Eyes:	Flush immediately with large amounts of water. If redness or irritation persists, contact a physician.
Skin:	No adverse conditions expected.
Inhalation:	Unlikely route of exposure.
Ingestion:	Contact a physician immediately.
Instructions for Physician:	Available data does not identify any conditions.

FIRE FIGHTING MEASURES – SECTION 5			
<i>NFPA Classification</i>			
<u>Health</u>	<u>Fire</u>	<u>Reactivity</u>	<u>Other</u>
1	0	0	N/A
<u>FLAMMABILITY PROPERTIES</u>			
Flash Point:	N/A	Method:	N/A
Flammability Limits: (in air % by volume)		LEL:	N/A
Autoignition Temperature:	N/A		
<u>Hazardous Combustion Products:</u>	Carbon Monoxide, Carbon Dioxide		
<u>Extinguishing Media:</u>	Use extinguishing media appropriate for the surrounding fire. Use water spray, foam or dry chemical.		
<u>Prohibited Extinguishing Media:</u>	In fires involving large quantities of this product, the use of large streams of water should be avoided.		
<u>Firefighting Instructions:</u>	Use self-contained breathing apparatus when fighting fires that involve this material.		
<u>Unusual Fire and Explosion Hazards:</u>	Carbon monoxide and carbon dioxide may be generated.		

MATERIAL SAFETY DATA SHEET

First Aid Burn Cream	MSDS No.:	007
	Revision No.:	5

ACCIDENTAL RELEASE MEASURES – SECTION 6

Environmental Precautions:

No information available.

Cleanup Methods:

Small spills: Spills should be collected with approved inert absorbent for disposal.

Large spills: Spills should be collected with approved absorbent for disposal.

HANDLING & STORAGE – SECTION 7

Handling:	Keep this and other chemicals out of reach of children.
Storage:	Do not store or mix with strong acids or oxidizers.
Specific Uses:	First aid to help prevent infection and for temporary relief of pain in minor cuts, scrapes and burns. For external use only.

EXPOSURE CONTROLS / PERSONAL PROTECTION – SECTION 8

EXPOSURE CONTROLS:

Exposure Limits Values:

	<u>OSHA PEL:</u>	<u>ACGIH TLV:</u>
Stearates (Glyceryl Stearate)	Not Established	10 mg/m ³
Glycerin Mist (Glycerin)	<u>Total Dust:</u> 15 mg/m ³	<u>Total Dust:</u> 10 mg/m ³
	<u>Respirable Fraction:</u> 5 mg/m ³	<u>Respirable Fraction:</u> 5 mg/m ³

Engineering Controls:

Local Exhaust is recommended.

PERSONAL PROTECTIVE EQUIPMENT:

Respiratory Protection:

None required under normal conditions.

Hand Protection:

None required under normal conditions.

Eye/Face Protection:

Eye protection, as necessary to prevent excessive contact.

Skin Protection:

None required under normal conditions.

General Hygiene Considerations:

Practice safe work habits. Use according to label instructions.

MATERIAL SAFETY DATA SHEET

First Aid Burn Cream	MSDS No.:	007
	Revision No.:	5

Other Protective Equipment:

Eye wash stations should be nearby and ready for use.

PHYSICAL & CHEMICAL PROPERTIES – SECTION 9

PRODUCT:	First Aid Burn Cream
General Information:	
Appearance	White homogeneous cream
Odor	Slightly fatty odor
Important Health, Safety, and Environmental Information:	
Boiling Point	135°C 275°F
Melting Point	60°C (140°F)
Flash Point	N/A
Explosive Properties	No information available.
Oxidizing Properties	No information available.
Specific Gravity ($H_2O = 1$)	0.81
Water Solubility	Miscible
Partition Coefficient (<i>n-octanol/water</i>)	No information available.
Viscosity	No information available.
Vapor Pressure (<i>mm Hg</i>)	No information available.
Vapor Density (<i>Air = 1</i>)	No information available.
Evaporation Rate	0.07
% Volatile (<i>By Volume @ 68°F</i>)	65

STABILITY & REACTIVITY – SECTION 10

Stability:

This material is stable under normal conditions.

Conditions to avoid:

Extreme heat

Materials to avoid:

Strong oxidants, Strong Acids

Hazardous Decomposition Products:

Carbon Monoxide, Carbon Dioxide

MATERIAL SAFETY DATA SHEET

First Aid Burn Cream	MSDS No.:	007
	Revision No.:	5

Hazardous Polymerization:

Will not occur.

TOXICOLOGICAL INFORMATION – SECTION 11

<u>Type of Test</u>	<u>Route of Exposure</u>	<u>Effects</u>	<u>Species Observed</u>	<u>Dose Data</u>
LD ₅₀ – (Cetyl Alcohol)	Oral	Death	Rodent - Rat	5 mg/kg
LD ₅₀ – (Glycerin)	Oral	Death	Rodent - Rat	12600 mg/kg
LD ₅₀ – (Glyceril Stearate)	Intraperitoneal	Death	Rodent - Mouse	200 mg/kg
LD ₅₀ – (Mineral Oil)	Oral	Death	Rodent - Mouse	22 gm/kg
LD ₅₀ – (Stearic Acid)	Intravenous	Death	Rodent - Rat	21500 ug/kg

ECOLOGICAL INFORMATION – SECTION 12

Ecotoxicity:

No information available.

Mobility:

No information available.

Persistence and Degradability:

No information available.

Bio accumulative Potential:

No information available.

DISPOSAL CONSIDERATION – SECTION 13

Dispose of in accordance with Local, State, and Federal regulations.

TRANSPORT INFORMATION – SECTION 14

DOT CLASSIFICATION:

UN Number:

Class:

Not Regulated for Domestic Transport.

MATERIAL SAFETY DATA SHEET

First Aid Burn Cream	MSDS No.:	007
	Revision No.:	5

Proper Shipping Name:	Not regulated for Domestic Transport.
Packing Group:	
Marine Pollutant:	
Other Information:	
<u>IATA CLASSIFICATION:</u>	
Un Number:	Not Regulated for International Air Transport.
Class:	
Proper Shipping Name:	
Packing Group:	
Marine Pollutant:	
Other Information:	
<u>IMDG CLASSIFICATION:</u>	
Un Number:	Not Regulated for International Water Transport.
Class:	
Proper Shipping Name:	
Packing Group:	
Marine Pollutant:	
Other Information:	

REGULATORY INFORMATION – SECTION 15	
<u>US REGULATIONS</u>	
ACGIH	<u>TWA (Glycerin Mist):</u> <u>Total Dust:</u> 15 mg/m ³ <u>Respirable Fraction:</u> 5 mg/m ³
	<u>TWA (Stearates):</u> 10 mg/m ³
CAA Section 112	Not Listed
CERCLA	Not Listed
IARC	Not Listed
NTP	Not Listed
OSHA	<u>OSHA PEL (Glycerin Mist):</u> <u>Total Dust:</u> 10 mg/m ³ <u>Respirable Fraction:</u> 5 mg/m ³
SARA Title III	Not Listed



MATERIAL SAFETY DATA SHEET

First Aid Burn Cream	MSDS No.:	007
	Revision No.:	5

TSCA	Not Listed
<u>STATE REGULATIONS</u>	
MA substance List	Not Listed
NJ RTK Hazardous Substance List	Not Listed
PA Hazardous Substance List	Not Listed
Canadian WHMIS	Not Listed

To the best of our knowledge, the information contained herein is accurate. However, neither Water-Jel Technologies, nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Physicians Care Item 90015, Ibuprofen

Physicians CARE Made in USA
2 Tablets

IBUPROFEN

Active ingredient (in each tablet) Ibuprofen (NSAID) 200mg
Purpose Pain reliever/fever reducer
*nonsteroidal anti-inflammatory drug

Uses
Temporarily relieves minor aches and pains associated with
■ headache ■ toothache ■ backache ■ menstrual cramps
■ common cold ■ muscular aches ■ minor arthritis pain
Temporarily reduces fever.

Warnings
Allergy alert: Ibuprofen may cause a severe allergic reaction, especially in people allergic to aspirin. Symptoms may include:
■ hives ■ skin reddening ■ facial swelling ■ rash
■ asthma (wheezing) ■ blisters ■ shock If an allergic reaction occurs, stop use and seek medical help right away.

Stomach bleeding warning: This product contains an NSAID, which may cause severe stomach bleeding. The chance is higher if you:
■ are age 60 or older ■ have had stomach ulcers or bleeding problems ■ take a blood thinner (anticoagulant) or steroid drug ■ take other drugs containing prescription or nonprescription NSAIDs (aspirin, ibuprofen, naproxen, or others) ■ have 3 or more alcoholic drinks every day while using this product ■ take more or for a longer time than directed.

Store at 20-25°C (68-77°F) • Avoid Excessive Heat, above 40°C (104°F) • Tamper-Evident Sealed Packets
• Do Not Use any Opened or Torn Packets
Manufactured for Acme United Corp

Warnings (continued)
Do not use ■ if you have ever had an allergic reaction to any other pain reliever/fever reducer ■ right before or after heart surgery
Ask a doctor before use if ■ stomach bleeding warning applies to you ■ you have a history of stomach problems such as heartburn ■ you have high blood pressure, heart disease, liver cirrhosis, or kidney disease ■ you are taking a diuretic ■ you have problems or serious side effects from taking pain relievers or fever reducers ■ you have asthma

Ask a doctor or pharmacist before use if you are ■ taking aspirin for heart attack or stroke, because ibuprofen may decrease this benefit of aspirin ■ taking any other drug ■ under a doctor's care for any serious condition

When using this product ■ the risk of heart attack or stroke may increase if you use more than directed or longer than directed ■ take with food or milk if stomach upset occurs

Stop use and ask a doctor if
■ you experience any of the following signs of stomach bleeding:
■ feel faint ■ vomit blood ■ have bloody or black stools
■ have stomach pain that does not get better
■ pain gets worse or lasts more than 10 days ■ fever gets worse or lasts more than 3 days ■ redness or swelling is present in the painful area
■ any new or unexpected symptoms appear

If pregnant or breast-feeding, ask a health professional before use. It is especially important not to use ibuprofen during the last 3 months of pregnancy unless specifically directed to do so by a doctor because it may cause problems in the unborn child or complications during delivery. **Keep out of reach of children.** In case of overdose, get medical help or contact a Poison Control Center right away.

Directions ■ do not use more than directed ■ the smallest effective dose should be used ■ do not take longer than 10 days unless directed by a doctor (see warnings)

Adults and children (12 years and older): Take 1 tablet every 4 to 6 hours while symptoms persist. If pain or fever does not respond to 1 tablet, 2 tablets may be used. Do not exceed 6 tablets in 24 hours, unless directed by a doctor.

Children under 12 years: Do not give to children under 12 years of age.

SEE CARTON FOR COMPLETE PRODUCT INFORMATION

Retain carton for complete product information

Drug Facts

Active ingredient (in each tablet) Ibuprofen 200 mg (NSAID)*
Purpose Pain reliever/fever reducer
*nonsteroidal anti-inflammatory drug

Uses

Temporarily relieves minor aches and pains associated with
■ headache ■ toothache ■ backache ■ menstrual cramps
■ common cold ■ muscular aches ■ minor arthritis pain
Temporarily reduces fever.

Warnings

Allergy alert: Ibuprofen may cause a severe allergic reaction, especially in people allergic to aspirin. Symptoms may include:
■ hives ■ skin reddening ■ asthma (wheezing) ■ facial swelling
■ rash ■ shock ■ blisters
If an allergic reaction occurs, stop use and seek medical help right away.

Stomach bleeding warning: This product contains an NSAID, which may cause severe stomach bleeding. The chance is higher if you:
■ are age 60 or older ■ have had stomach ulcers or bleeding problems
■ take a blood thinning (anticoagulant) or steroid drug
■ take other drugs containing prescription or nonprescription NSAIDs (aspirin, ibuprofen, naproxen, or others)
■ have 3 or more alcoholic drinks every day while using this product
■ take more or for a longer time than directed

Heart attack or stroke warning: NSAIDs, except aspirin, increase the risk of heart attack, heart failure, and stroke. These can be fatal. The risk is higher if you use more than directed or for longer than directed.

Do not use

■ if you have ever had an allergic reaction to any other pain reliever/fever reducer
■ right before or after heart surgery

Ask a doctor before use if

■ you have problems or serious side effects from taking pain relievers or fever reducers ■ stomach bleeding warning applies to you
■ you have a history of stomach problems such as heartburn
■ you have high blood pressure, heart disease, liver cirrhosis, kidney disease, asthma or had a stroke
■ you are taking a diuretic

Ask a doctor or pharmacist before use if you are

■ taking aspirin for heart attack or stroke, because ibuprofen may decrease this benefit of aspirin
■ under a doctor's care for any serious condition
■ taking any other drug

When using this product

■ take with food or milk if stomach upset occurs

Drug Facts (continued)

Stop use and ask a doctor if

■ you experience any of the following signs of stomach bleeding:
■ feel faint ■ vomit blood ■ have bloody or black stools
■ have stomach pain that does not get better
■ you have symptoms of heart problems or stroke
■ chest pain ■ trouble breathing ■ leg swelling
■ weakness in one part or side of body ■ slurred speech
■ pain gets worse or lasts for more than 10 days
■ fever gets worse or lasts for more than 3 days
■ redness or swelling is present in the painful area
■ any new or unexpected symptoms occur

If pregnant or breast-feeding, ask a health professional before use. It is especially important not to use ibuprofen during the last 3 months of pregnancy unless specifically directed to do so by a doctor because it may cause problems in the unborn child or complications during delivery.

Keep out of reach of children. In case of overdose, get medical help or contact a Poison Control Center right away.

Directions

■ do not use more than directed
■ the smallest effective dose should be used
■ do not take longer than 10 days, unless directed by a doctor (see Warnings)

Adults and children: (12 years and older)

Take 1 tablet every 4 to 6 hours while symptoms persist. If pain or fever does not respond to 1 tablet, 2 tablets may be used. Do not exceed 6 tablets in 24 hours, unless directed by a doctor.

Children under 12 years:

Do not give to children under 12 years of age.

Other information

■ read all product information before using
■ store at 68-77°F (20-25°C)
■ avoid excessive heat 40°C (above 104°F)
■ tamper evident sealed packets
■ do not use any opened or torn packets

Inactive ingredients

carnauba wax*, corn starch, hypromellose*, iron oxide red, lactose*, magnesium stearate*, microcrystalline cellulose*, polydextrose*, polyethylene glycol, polyvinyl alcohol*, povidone K30*, silicon dioxide, sodium starch glycolate, stearic acid, talc*, titanium dioxide * may contain



Safety Data Sheet

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Instant Cold Packs
Product Use: An economical, one time use disposable product that promotes faster healing for the treatment of bruises, cuts, lacerations, sprains, minor burns, sinus & tension headaches, insect bites and toothaches.
Product Codes: 4511-4512-4515

EMERGENCY OVERVIEW

Emergency Telephone Numbers:
Local Emergency Center

Health Hazards: Dry chemical of cold pack is an eye and skin irritant. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Physical Hazards: Dry chemical is an oxidizer. Oxidizers can support combustion. Contact may increase flammability of other materials. Avoid contact with clothing and other combustible material.

- Physical Form: Solid/Liquid
- Appearance: White solid in water bag
- Odor: None

NFPA HAZARD CLASS:	Health:	1 (Slight)
	Flammability:	0 (Least)
	Reactivity:	3 (High)
	Other:	OXY (Oxidizer)



SECTION 2. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Keep out of reach of children. (S2)

PRIMARY ROUTE(S) OF ENTRY

Eye and Skin, if liquid escapes from sealed container.
No hazard expected with intact product.

EYES

Liquid content may cause irritation to the eyes; R36.
Avoid contact with eyes; S25

SKIN

Liquid content may be irritating to skin; R38.

INGESTION

Harmful if swallowed; R22.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

In case of accidental overdose, contact a Physician or Poison Control Center.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>HAZARDOUS COMPONENTS</u>	<u>% Weight</u>	<u>EXPOSURE GUIDELINE</u>		
		<u>Limits</u>	<u>Agency</u>	<u>Type</u>
Ammonium Nitrate CAS# 6484-52-2	40-70		Not Established	
<u>OTHER COMPONENTS</u>	<u>% Weight</u>	<u>EXPOSURE GUIDELINE</u>		
		<u>Limits</u>	<u>Agency</u>	<u>Type</u>
Water CAS# 7732-18-5	30-60		Not Established	

Note: State, local or other agencies or advisory groups may have established more stringent limits. Consult an industrial hygienist or similar professional, or you local agencies, for further information.

SECTION 4. FIRST AID MEASURES

Eye: Move victim away from exposure and into fresh air. If irritation or redness develops, flush eyes with clean water and seek immediate medical attention. For direct contact, immediately hold eyelids apart and flush the affected eye(s) with clean water for at least 15 minutes. Seek medical attention.

Skin: Remove contaminated shoes and clothing, and flush affected area(s) with large amounts of water. If skin surface is damaged, apply a clean dressing and seek medical attention. If skin surface is not damaged, cleanse affected



area(s) thoroughly by washing with mild soap or water. If irritation or redness develops, seek medical attention.

Inhalation (Breathing): If respiratory symptoms or other symptoms of exposure develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, clear airway and immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

Ingestion (Swallowing): If swallowed, seek emergency medical attention. If victim is drowsy or unconscious and vomiting, place on left side with the head down and do not give anything by mouth. If victim is conscious and alert and ingestion occurred within the last hour, vomiting should be induced for ingestion of large amounts (more than 5 ounces in an adult) under direction from a physician or poison center. If possible, do not leave victim unattended and observe closely for adequacy of breathing.

Note to Physicians: Nitrates in large doses may cause significant vasodilation and hypotension. Pre-existing ischemic heart disease may be aggravated by these effects. In large ingestions nitrates may cause methemoglobinemia. Methemoglobinemia should be suspected if cyanosis occurs. Methylene blue (1-2 mg/kg I.V. over several minutes) is an effective antidote for symptomatic methemoglobinemia.

SECTION 5. FIRE FIGHTING MEASURES

Flammable Properties:

Flash Point: **None**
OSHA Flammability Class: **Not applicable**
LEL/UEL: **No data**
Autoignition Temperature: **No data**

Unusual Fire & Explosion Hazards: Oxidizer. The dry chemical of this material is an oxidizer and may increase inflammability of any combustible substance. It is the nature of oxidizers to provide their own oxygen source; smothering a fire may be ineffective. Nitrate salts support combustion under certain conditions. Ammonium nitrate is capable of detonation if heated under confinement or if subjected to strong shocks. Organic or other easily oxidizable matter can sensitize it to a more readily explodable state. Do not allow product to evaporate to dryness, especially in contact with combustible materials.

Extinguishing Media: Use water only. Do not use dry chemical, carbon dioxide or foam.

Fire Fighting Instructions: For fires beyond the incipient stage, emergency responders in the immediate hazard area should wear bunker gear. When the potential chemical hazard is unknown, in enclosed or confined spaces, or when explicitly required by DOT, a self-contained breathing apparatus should be worn. In addition, wear other appropriate protective equipment as conditions warrant (see Section 8). Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done with minimal risk. Move undamaged containers from immediate hazard area if it can be done with minimal risk. Water spray may be useful in minimizing or dispersing vapors. Cool equipment exposed to fire with water, if it can be done with minimal risk.

SECTION 6. ACCIDENTAL RELEASE MEASURES

The dry chemical of this material is an oxidizer. Keep all sources of ignition and hot metal surfaces away from spill/release. The use of explosion-proof equipment is recommended.



Stay upwind and away from spill/release. Notify person down wind of spill/release, isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done with minimal risk. Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section 8). Prevent spilled material from entering sewers, storm drains, other unauthorized treatment drainage systems, and natural waterways. Dike far ahead of spill for later recovery or disposal. Spilled material may be absorbed into an appropriate absorbent material. Notify appropriate federal, state, and local agencies. Immediate cleanup of any spill is recommended.

SECTION 7. HANDLING AND STORAGE

Handling: Do not enter confined spaces such as tanks or pits without following proper entry procedures such as ASTM D-4276 and 29CFR 1910.146. The use of appropriate respiratory protection is advised when concentrations exceed any established exposure limits (see Section 2 and 8). Wash thoroughly after handling. Do not wear contaminated clothing or shoes. Use good personal hygiene practice.

"Empty" containers retain residue and may be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition. They may explode and cause injury or death. Container should be disposed in an environmentally safe manner and in accordance with governmental regulations.

Before working on or in tanks which contain or have contained this material, refer to OSHA Regulations, ANSI Z49.1 and other governmental and industrial references pertaining to cleaning, welding, or other contemplated operations.

Storage: Use and store this material in cool, dry, well-ventilated areas away from heat and all sources of ignition. Post area "No Smoking or Open Flame." Solution is corrosive to copper, copper alloys, lead, and zinc. Store to avoid contact with incompatible materials such as ordinary combustibles, flammable liquids, greases, and those materials, including other oxidizers, that could react with the oxidizer or catalyze its decomposition (see Section 10). Prohibit accumulation of combustible waste in storage areas. Combustible construction materials that may be in contact with oxidizers shall be protected with a compatible coating to prevent impregnation of the combustible materials by the oxidizers. Protect container(s) against physical damage.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: If current ventilation practices are not adequate to minimize exposure, additional ventilation or exhaust systems may be required.

Personal Protective Equipment (PPE):

Respiratory: A NIOSH/MSHA approved air purifying respirator with a N95 filter may be used under conditions where airborne concentrations are expected to exceed exposure limits (see Section 2). Protection provided by air purifying respirators is limited (see manufacturer's respirator selection guide). Use a positive pressure air supplied respirator if there is potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Skin: The use of gloves impermeable to the specific material handled is advised to prevent skin contact, possible irritation, absorption, and skin damage (see glove manufacturer literature for information).



on permeability). Depending on conditions of use, apron and/or arm covers may be necessary.

Eye/Face: Approved eye protection to safeguard against potential eye contact, irritation, or injury is recommended. Depending on conditions of use, a face shield may be necessary.

Other Protective Equipment: A source of clean water should be available in the work area for flushing eyes and skin. Impervious clothing should be worn as needed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Note: Unless otherwise stated, values are determined at 20°C (68°F) and 760 mm Hg (1 atm).

Flash Point: **None**

Flammable/Explosive Limits (%): LEL/UEL: **No data**

Autoignition Temperature: **No data**

Appearance: **White solid in water bag**

Physical State: **solid/Liquid**

Odor: **None**

pH: **No data**

Vapor Pressure (mm Hg): **No data**

Boiling Point: **No data**

Freezing/Melting Point: **No data**

Solubility in Water: **100%**

Specific Gravity: **approx 1.3**

Evaporation Rate (nBuAc=1): **No data**

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions of storage and handling. Dry chemical is an oxidizer and may promote combustion in other materials.

Conditions To Avoid: This material may be an oxidizer. Do not heat above 250°F. Do not let dry chemical or solution dry or crystallize in contact with organic, reactive, or combustible materials (see Sections 7).

Incompatible Materials: Avoid contact with reactive, combustible, or organic materials, such as wood, grain, organic chemicals, acids, corrosive liquids, sulfur, flammable liquids, chlorates, permanganates, finely divided materials, charcoal, coke, cork, or sawdust. Avoid contact with other oxidizers. Contact with alkaline materials may liberate ammonia.

Hazardous Decomposition Products: Material will not burn, but if involved in a fire, oxides of nitrogen may be generated. Exposure to heat may liberate ammonia fumes.

Hazardous Polymerization: Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

No definitive information available on carcinogenicity, mutagenicity, target organs or developmental toxicity.



SECTION 12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

Not determined.

CHEMICAL FATE INFORMATION

Not determined.

SECTION 13. DISPOSAL CONSIDERATIONS

This material, if discarded as produced, may be a RCRA "characteristic" hazardous waste due to the characteristic(s) of ignitability (D001). If the material is spilled to soil or water, characteristic testing of the contaminated materials is recommended. To assure proper disposal, consult with state and local regulations and disposal authorities.

SECTION 14. TRANSPORT INFORMATION

PROPER SHIPPING NAME: DOT CONSUMER COMMODITY

CLASS/DIVISION: ORM-D

PACKING GROUP: Not Applicable

LABELS: ORM-D

UN/ID#: NONE

PROPER SHIPPING NAME: IATA AMMONIUM NITRATE

CLASS DIVISION: 5.1

PACKING GROUP: III

LABELS: OXIDIZER

UN/ID#: UN1942

PROPER SHIPPING NAME: IMO AMMONIUM NITRATE, LIMITED QUANTITY

CLASS/DIVISION: 5.1

PACKING GROUP: III

LABELS: Not required, however, the words "LIMITED QUANTITY" should be marked on the unitized package.

UN/ID#: UN1942

SECTION 15. REGULATORY INFORMATION

This material contains the following chemicals subject to the reporting requirements of **SARA 313** and 40 CFR 372.

<u>COMPONENT</u>	<u>CAS NUMBER</u>
------------------	-------------------

Ammonia (includes anhydrous ammonia and aqueous ammonia from water dissociable ammonium salts and other sources; 10 percent of total aqueous ammonia is reportable under this listing)	7446-41-7
--	-----------

Drug Facts

Active ingredient (in each tablet) Purpose

Dimenhydrinate 50 mg..... Antiemetic

Uses

for prevention and treatment of these symptoms associated with motion sickness:

- nausea
- vomiting
- dizziness

Warnings

Do not use for children under 2 years of age unless directed by a doctor

Ask a doctor before use if you have

- a breathing problem such as emphysema or chronic bronchitis
- glaucoma
- trouble urinating due to an enlarged prostate gland

Ask a doctor or pharmacist before use if you are taking sedatives or tranquilizers

When using this product

- marked drowsiness may occur
- avoid alcoholic drinks
- alcohol, sedatives, and tranquilizers may increase drowsiness
- be careful when driving a motor vehicle or operating machinery

If pregnant or breast feeding, ask a health professional before use.

Keep out of the reach of children. In case of overdose, get medical help or contact a Poison Control Center right away.

Drug Facts (continued)

Directions

- to prevent motion sickness, the first dose should be taken ½ to 1 hour before starting activity
- to prevent or treat motion sickness, see below:

Adults and children: (12 years and older)	Take 1 to 2 tablets every 4-6 hours. Do not take more than 8 tablets in 24 hours, or as directed by a doctor.
Children 6 to under 12 years:	Give ½ to 1 tablet every 6-8 hours. Do not give more than 3 tablets in 24 hours, or as directed by a doctor.
Children 2 to under 6 years:	Give ½ tablet every 6-8 hours. Do not give more than 1-1/2 tablets in 24 hours, or as directed by a doctor.

Other information

- store between 20-25°C (68-77°F)
- see side panel for lot number and expiration date

Inactive ingredients

croscarmellose sodium, magnesium stearate, microcrystalline cellulose, dicalcium phosphate

Retain carton for complete product information

NASAL DECONGESTANT

Contains six packets of two tablets each (12 total)

Drug Facts

Active Ingredient (in each tablet) Purpose
Phenylephrine HCL, 5 mg. Nasal
..... Decongestant

Uses:

- For the temporary relief of nasal congestion due to the common cold • sinusitis • hay fever • other allergies
- Promotes nasal and/or sinus drainage
- Temporarily relieves sinus congestion and pressure

Warnings:

DO NOT USE:

- If you are now taking a prescription monoamine oxidase inhibitor (MAOI, certain drugs for depression, psychiatric or emotional conditions, or Parkinson's disease) or for 2 weeks after stopping the MAOI drug. If you do not know if your prescription drug contains an MAOI, ask a doctor or pharmacist before taking this product.

ASK A DOCTOR BEFORE USING IF:

- You have high blood pressure, heart disease, diabetes, thyroid disease, or trouble urinating due to an enlarged prostate gland
- you are taking prescription drugs
- you are pregnant or breast feeding.

WHEN USING THIS PRODUCT:

- Do not exceed recommended dosage

STOP AND ASK A DOCTOR IF:

- Nervousness, dizziness or sleeplessness occur
- Conditions worsen or new symptoms occur

KEEP OUT OF THE REACH OF CHILDREN.

In case of accidental overdose, contact a physician or poison control center immediately. Prompt medical attention is critical for adults as well as children, even if you do not notice any signs or symptoms. If you are pregnant or nursing a baby, as with any drug, seek the advice of a health professional before using this product.

Directions: Do not use if the pouch is opened or torn. Do not use if expiration date on the package has passed.

Adults and children over 12:	Take 2 tablets every 4 hours while symptoms persist, not to exceed 12 tablets in 24 hours.
Children under 12:	Consult a physician.

Other information:

Store at room temperature

Inactive ingredients: May contain the following: Microcrystalline Cellulose, Lactose, Croscarmellose Sodium, Stearic Acid, Silicon Dioxide, Magnesium Stearate, Hypromellose, Polyethylene Glycol, Propylene Glycol, Mineral Oil, FD&C Blue #2, FD&C Red #40, FD&C Yellow #6 Aluminum Lake, Titanium Dioxide



DRUG FACTS PAC-KIT EXTRA STRENGTH NON-ASPIRIN TABLETS

Pac-Kit Safety Equipment Co.

Applies to: Unit dose packets of two tablets each, packaged in the following box counts:
Stock #20-412, 12/box; Stock #20-455, 50/box; Stock #20-450, 100/box; Stock #20-425,
250/box; Stock #20-499, 500/box.

Specification last updated: 8/29/05

Active Ingredients (in each tablet): Purpose:

Acetaminophen, 500 mg. Pain Reliever/Fever Reducer

Uses:

For the temporary relief of pain from: Headaches • Fever • Minor Pain

Warnings:

ALLERGY ALERT: Do not take this product if you are allergic or hypersensitive to acetaminophen. If an allergic reaction occurs, discontinue use immediately and consult a physician.

ALCOHOL WARNING: If you consume 3 or more alcoholic drinks every day, ask your doctor whether you should take Acetaminophen or other pain relievers/fever reducers. Acetaminophen may cause liver damage.

DO NOT USE UNLESS DIRECTED BY YOUR PHYSICIAN IF:

- You are currently under a doctor's care or taking prescription drugs
- You have previously had reactions to this or any other non-prescription pain reliever
- With other products that contain acetaminophen

WHEN USING THIS PRODUCT:

- Do not exceed recommended dosage, use the smallest effective dose. Do not use if the expiration date has passed.

STOP USING AND ASK A DOCTOR IF:

- Pain persists for more than 10 days for adults or 5 days for children
- Fever persists for more than three days
- Redness is present
- Ringing in the ears or hearing loss occurs
- An allergic reaction occurs
- Conditions worsen, or clear up and then recur

Keep this and all drug products out of the reach of children. In case of an accidental overdose, contact a physician or poison control center immediately. Prompt medical attention is critical for children as well as adults, even if you do not see any signs or symptoms. If you are pregnant or nursing a baby, as with any drug, contact a health professional before using this product.

Directions:

Tamper evident packaging, do not use if the packet is opened or torn.

Adults: 1 to 2 tablets 3 to 4 times daily as needed,

. do not exceed 8 tablets in 24 hours

Children under 12: Consult your doctor

Other information: Store at room temperature

Inactive Ingredients: Cellulose, Corn Starch, Magnesium Stearate, Hydroxypropyl Cellulose, Polyvinylpyrrolidone, Silicone Dioxide, Sodium Carboxymethyl Cellulose, Stearic Acid

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
 Trade name : Medicaine® Sting and Bite Relief

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : OTC drug used as a topical analgesic
 Use of the substance/mixture : For professional use only

1.3. Details of the supplier of the safety data sheet

James Alexander Corporation

Note: The CHEMTREC emergency number is to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals.

1.4. Emergency telephone number

Emergency number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Flam. Liq. 2 H225
 Eye Irrit. 2A H319
 STOT SE 3 H335
 STOT SE 3 H336

2.2. Label elements

GHS-US labelling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : H225 - Highly flammable liquid and vapour
 H319 - Causes serious eye irritation
 H335 - May cause respiratory irritation
 H336 - May cause drowsiness or dizziness

Precautionary statements (GHS-US) : P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking
 P233 - Keep container tightly closed
 P240 - Ground/bond container and receiving equipment
 P241 - Use explosion-proof electrical, lighting, ventilating equipment
 P242 - Use only non-sparking tools
 P243 - Take precautionary measures against static discharge
 P261 - Avoid breathing dust, fume, mist, spray, vapours
 P264 - Wash hands thoroughly after handling
 P271 - Use only outdoors or in a well-ventilated area
 P280 - Wear eye protection, protective clothing, protective gloves
 P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 P304+P340 - IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing
 P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 P312 - Call a POISON CENTER/doctor/physician if you feel unwell
 P337+P313 - If eye irritation persists: get medical advice/attention

Medicaine[®] Sting and Bite Relief

Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

P370+P378 - In case of fire: Use dry chemical, foam, carbon dioxide for extinction
P403+P233 - Store in a well-ventilated place. Keep container tightly closed
P403+P235 - Store in a well-ventilated place. Keep cool
P405 - Store locked up
P501 - Dispose of contents/container to comply with applicable local, national and international regulation.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

Full text of H-phrases: see section 16

3.2. Mixture

Name	Product identifier	%	GHS-US classification
Polyethylene glycol	(CAS No) 25322-68-3	50 - 55	STOT SE 3, H335
Isopropyl alcohol	(CAS No) 67-63-0	20 - 25	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
L-Menthol	(CAS No) 2216-51-5	1	Skin Irrit. 2, H315 Eye Irrit. 2A, H319

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Remove to fresh air and keep at rest in a position comfortable for breathing. If breathing stops, give artificial respiration. In case of breathing difficulties administer oxygen. by trained personnel. Seek medical attention immediately.
- First-aid measures after skin contact : Immediately flush skin with plenty of water for at least 15 minutes. Remove/Take off immediately all contaminated clothing. Do not rub the skin and eyes after direct contact with the product. Seek medical attention immediately. Wash contaminated clothing before reuse.
- First-aid measures after eye contact : In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately get medical attention.
- First-aid measures after ingestion : Contact a Poison Control Center immediately. Give no more than 2 glasses of water and induce vomiting by giving 30 cc (2 tablespoons) of syrup of ipecac. If victim is a child, give no more than 1 glass of water and 15cc (1 tablespoon) syrup of ipecac. If syrup of ipecac is unavailable, give 2 glasses of water and induce vomiting by touching finger to back of victim's throat. Do not give anything by mouth to an unconscious or convulsing person. Get immediate medical attention. Immediately call a POISON CENTER or doctor/physician.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after inhalation : May cause respiratory irritation. May cause drowsiness or dizziness. Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination.
- Symptoms/injuries after skin contact : Repeated or prolonged skin contact may cause irritation.
- Symptoms/injuries after eye contact : Causes serious eye irritation.
- Symptoms/injuries after ingestion : Irritating to the gastrointestinal tract. May cause abdominal pain and vomiting (sometimes bloody). Ingestion may cause central nervous system depression, low blood pressure, rapid heart beat and liver damage. Early to moderate central nervous system depression may be evidenced by giddiness, headache, dizziness and nausea. In extreme cases, unconsciousness, respiratory depression and death may occur. Liver damage may be evidenced by loss of appetite, jaundice (yellowish skin color) and sometimes pain in the upper abdomen on the right side.

4.3. Indication of any immediate medical attention and special treatment needed

Individuals with pre-existing skin disorders, eye problems, or impaired respiratory function may be more susceptible to the effects of overexposure.

Medicaine[®] Sting and Bite Relief

Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Alcohol resistant foam. Dry powder. Carbon dioxide. Sand.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Highly flammable liquid and vapour.
Explosion hazard : May form flammable/explosive vapour-air mixture.
Reactivity : Thermal decomposition generates : Corrosive vapours. Reacts violently with acids. An exothermic reaction may occur.

5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protective equipment for firefighters : Do not enter fire area without proper protective equipment, including respiratory protection.
Other information : Containers may swell and Burst during a fire due to internal pressure caused by heat. Vapours are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapours. Alcohols burn with a pale blue flame which may be extremely hard to see under normal lighting conditions. Personnel may be able to feel the heat of the fire without seeing flames. Extreme caution must be exercised in fighting alcohol fires.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Eliminate all ignition sources if safe to do so. Use special care to avoid static electric charges. No naked lights. No smoking. Stop leak if safe to do so. No action shall be taken involving any personal risk or without suitable training. Wear protective clothing. For further information refer to section 8 : Exposure-controls/personal protection.

6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Consult the appropriate authorities about waste disposal. Ensure all national/local regulations are observed.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.
Precautions for safe handling : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Personal protective equipment should be selected based upon the conditions under which this product is handled or used. Use personal protective equipment as required. Provide good ventilation in process area to prevent formation of vapour. Do not breathe gas, fumes, vapour or spray. No naked lights. No smoking. Use only non-sparking tools. Never use pressure to empty container. Ground/bond container and receiving equipment. Take care to allow internal pressure to escape from container before releasing closures. Remove closure carefully; internal pressure may be present. Keep closure up to prevent leakage. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

Medicaine[®] Sting and Bite Relief

Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Use explosion-proof machinery, apparatus, ventilation facilities, tools etc. Ensure the ventilation system is regularly maintained and tested. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits. Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. A washing facility/water for eye and skin cleaning purposes should be present. Comply with applicable regulations.
- Storage conditions : Keep only in the original container in a cool well ventilated place. Keep in fireproof place. Keep container tightly closed. Protect containers against physical damage. Detached outside storage is preferable. Inside storage should be in an NFPA approved flammable liquids storage room or cabinet. Store in corrosion-proof area at temperatures below 77 °F (25°C). Store away from direct sunlight or other heat sources.
- Incompatible materials : Avoid mixing with acids, most common metals, strong oxidizing agents, brass, zinc, chlorine, aluminum, copper, bronze, mercury, dimethyl sulfate and acetyl chloride.
- Storage temperature : < 25 °C Store at temperatures below 77 °F (25 °C)

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Isopropyl alcohol (67-63-0)		
USA ACGIH	ACGIH TWA (ppm)	200 ppm
USA ACGIH	ACGIH STEL (ppm)	400 ppm
USA OSHA	OSHA PEL (TWA) (mg/m ³)	980 mg/m ³
USA OSHA	OSHA PEL (TWA) (ppm)	400 ppm

8.2. Exposure controls

- Appropriate engineering controls : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits. Use explosion-proof ventilating equipment.
- Personal protective equipment : Avoid all unnecessary exposure. A hazard assessment of the work area for PPE requirements should be conducted by a qualified professional pursuant to OSHA regulations. For certain operations, additional Personal Protection Equipment (PPE) may be required. Protective goggles. Gloves. Protective clothing.



- Hand protection : Wear protective gloves. rubber gloves. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
- Eye protection : Chemical goggles or face shield.
- Skin and body protection : Wear suitable protective clothing. Chemical resistant safety shoes.
- Respiratory protection : Wear a self-contained breathing apparatus and appropriate personal protective equipment (PPE). Suggestions provided in this section for exposure control and specific types of protective equipment are based on readily available information. Users should consult with the specific manufacturer to confirm the performance of their protective equipment. Specific situations may require consultation with industrial hygiene, safety, or engineering professionals. Care must be taken to assure that any respirator chosen is capable of protecting the user from both ammonia and ethyl alcohol vapors.
- Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Appearance : Clear.
- Colour : Green.
- Odour : Odor of isopropyl alcohol, residual odor of menthol.

Medicaine[®] Sting and Bite Relief

Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

Odour threshold	: No data available
pH	: 8.5
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: > 35 °C (>95 °F)
Flash point	: 16.6 °C (62 °F)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.029 (Specific Gravity @ 25 °C)
Solubility	: Soluble in water.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Thermal decomposition generates : Corrosive vapours. Reacts violently with acids. An exothermic reaction may occur.

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame.

10.5. Incompatible materials

Avoid mixing with acids, most common metals, strong oxidizing agents, brass, zinc, chlorine, aluminum, copper, bronze, mercury, dimethyl sulfate and acetyl chloride.

10.6. Hazardous decomposition products

Thermal decomposition generates : Fume. Carbon monoxide. Carbon dioxide. May release flammable gases. Corrosive vapours. Ammonia. Nitrogen oxides. release of highly flammable gases/vapours hydrogen.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified
(Based on available data, the classification criteria are not met)

Isopropyl alcohol (67-63-0)	
LD50 oral rat	4396 mg/kg
LD50 dermal rabbit	12800 mg/kg
LC50 inhalation rat (ppm)	16000 ppm (Exposure time: 8 h)
ATE CLP (oral)	4396.000 mg/kg bodyweight
ATE CLP (dermal)	12800.000 mg/kg bodyweight

Medicaine[®] Sting and Bite Relief

Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

L-Menthol (2216-51-5)	
LD50 oral rat	3300 mg/kg
ATE CLP (oral)	3300.000 mg/kg bodyweight

Polyethylene glycol (25322-68-3)	
LD50 dermal rabbit	> 20 ml/kg

Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: 8.5
Serious eye damage/irritation	: Causes serious eye irritation. pH: 8.5
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)

Isopropyl alcohol (67-63-0)	
IARC group	3 - Not classifiable

Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
Specific target organ toxicity (single exposure)	: May cause respiratory irritation. May cause drowsiness or dizziness.
Specific target organ toxicity (repeated exposure)	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/injuries after inhalation	: May cause respiratory irritation. May cause drowsiness or dizziness. Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination.
Symptoms/injuries after skin contact	: Repeated or prolonged skin contact may cause irritation.
Symptoms/injuries after eye contact	: Causes serious eye irritation.
Symptoms/injuries after ingestion	: Irritating to the gastrointestinal tract. May cause abdominal pain and vomiting (sometimes bloody). Ingestion may cause central nervous system depression, low blood pressure, rapid heart beat and liver damage. Early to moderate central nervous system depression may be evidenced by giddiness, headache, dizziness and nausea. In extreme cases, unconsciousness, respiratory depression and death may occur. Liver damage may be evidenced by loss of appetite, jaundice (yellowish skin color) and sometimes pain in the upper abdomen on the right side.

SECTION 12: Ecological information

12.1. Toxicity

Isopropyl alcohol (67-63-0)	
LC50 fishes 1	9640 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	13299 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	11130 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

L-Menthol (2216-51-5)	
LC50 fishes 1	18.9 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])

12.2. Persistence and degradability

Medicaine[®] Sting and Bite Relief	
Persistence and degradability	Not established.

Medicaine[®] Sting and Bite Relief

Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

12.3. Bioaccumulative potential

Medicaine [®] Sting and Bite Relief	
Bioaccumulative potential	Not established.
Isopropyl alcohol (67-63-0)	
Log Pow	0.05 (at 25 °C)

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Do not re-use empty containers. Ensure all national/local regulations are observed. Consult the appropriate authorities about waste disposal.

Additional information : Handle empty containers with care because residual vapours are flammable.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with DOT

Transport document description : UN1993 Flammable liquids, n.o.s. (contains isopropanol), 3, II

UN-No.(DOT) : 1993

DOT NA no. : UN1993

DOT Proper Shipping Name : Flammable liquids, n.o.s.
(contains isopropanol)

Department of Transportation (DOT) Hazard Classes : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

Hazard labels (DOT) : 3 - Flammable liquid



DOT Symbols : G - Identifies PSN requiring a technical name

Packing group (DOT) : II - Medium Danger

DOT Special Provisions (49 CFR 172.102) : IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized.
T7 - 4 178.274(d)(2) Normal..... 178.275(d)(3)
TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / (1 + a (tr - tf))$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.
TP8 - A portable tank having a minimum test pressure of 1.5 bar (150 kPa) may be used when the flash point of the hazardous material transported is greater than 0 C (32 F).
TP28 - A portable tank having a minimum test pressure of 2.65 bar (265 kPa) may be used provided the calculated test pressure is 2.65 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.

DOT Packaging Exceptions (49 CFR 173.xxx) : 150

DOT Packaging Non Bulk (49 CFR 173.xxx) : 202

DOT Packaging Bulk (49 CFR 173.xxx) : 242

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 5 L

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 60 L

Medicaine[®] Sting and Bite Relief

Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

DOT Vessel Stowage Location : B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.

Additional information

Other information : No supplementary information available.

ADR

Transport document description :

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

Isopropyl alcohol (67-63-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on SARA Section 313 (Specific toxic chemical listings)

EPA TSCA Regulatory Flag	T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.
SARA Section 313 - Emission Reporting	1.0 % (only if manufactured by the strong acid process, no supplier notification)

L-Menthol (2216-51-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Polyethylene glycol (25322-68-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

Isopropyl alcohol (67-63-0)

Listed on the Canadian DSL (Domestic Substances List) inventory.

WHMIS Classification	Class B Division 2 - Flammable Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects
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L-Menthol (2216-51-5)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Polyethylene glycol (25322-68-3)

Listed on the Canadian DSL (Domestic Substances List) inventory.

EU-Regulations

Isopropyl alcohol (67-63-0)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

L-Menthol (2216-51-5)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

Polyethylene glycol (25322-68-3)

Listed on the EU - No-Longer Polymers List (67/548/EEC)

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

Medicaine[®] Sting and Bite Relief

Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

15.2.2. National regulations

Isopropyl alcohol (67-63-0)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
Listed on Industrial Safety and Health Law Substances (ISHL)
Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on the Canadian Ingredient Disclosure List

L-Menthol (2216-51-5)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
Listed on Industrial Safety and Health Law Substances (ISHL)
Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)

Polyethylene glycol (25322-68-3)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)

15.3. US State regulations

No additional information available

SECTION 16: Other information

Other information : None.

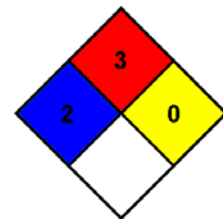
Full text of H-phrases: see section 16:

Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Flam. Liq. 2	Flammable liquids Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H225	Highly flammable liquid and vapour
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness

NFPA health hazard : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

NFPA fire hazard : 3 - Liquids and solids that can be ignited under almost all ambient conditions.

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



MATERIAL SAFETY DATA SHEET

<i>Triple Antibiotic Ointment</i>	MSDS No.:	014
	Revision No.:	5

PRODUCT AND COMPANY INFORMATION – SECTION 1	
Manufacturer/Distributor	Water-Jel Technologies
Product Name:	Triple Antibiotic Ointment
Synonyms:	Antibiotic Ointment, Antibiotic Cream
Intended Use:	First aid antibiotic ointment for topical prevention of infections in minor cuts. Scrapes and burns. For external use only.

COMPOSITION INFORMATION – SECTION 2	
In accordance with 29 CFR § 1910.1200 (i) (1) the specific chemical identity of this product is being withheld as a trade secret.	
Chemical Name:	Petrolatum USP
Percent:	Proprietary
CAS Number:	8009-03-8
Exposure Limits:	Not Established
Chemical Name:	Neomycin Sulfate USP
Percent:	Proprietary
CAS Number:	1405-10-3
Exposure Limits:	Not Established
Chemical Name:	Bacitracin Zinc USP
Percent:	Proprietary
CAS Number:	1405-89-6
Exposure Limits:	Not Established
Chemical Name:	Polymyxin B Sulfate
Percent:	Proprietary
CAS Number:	1405-20-5
Exposure Limits:	Not Established

HAZARDS IDENTIFICATION – SECTION 3	
EMERGENCY OVERVIEW & HAZARDS PRESENT TO MAN AND THE ENVIRONMENT	Warning! May cause eye and skin irritation.
PRIMARY ROUTES OF EXPOSURE	Skin

MATERIAL SAFETY DATA SHEET

<i>Triple Antibiotic Ointment</i>	MSDS No.:	014
	Revision No.:	5

<u>POTENTIAL HEALTH EFFECTS:</u>	
Eyes:	This product is minimally irritation to the eyes upon direct contact.
Skin:	This product is minimally irritating to the skin upon direct contact. NOTE: Neomycin sulfate and Bacitracin Zinc USP may cause cutaneous sensitization. A precise incidence of hypersensitivity reactions (primarily skin rash) due to topical Neomycin and Bacitracin Zinc USP is not known. 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.
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.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:	No information available.
<u>CHRONIC HEALTH EFFECTS:</u>	
<i>Eyes:</i>	No information available.
<i>Skin:</i>	When using Bacitracin Zinc USP and/or Neomycin containing products to control secondary infection in the chronic dermatoses, such as chronic otitis externa or stasis dermatitis, it should be borne in mind that the skin in these conditions is more liable than is normal skin to become sensitized to many substances, including Neomycin and Bacitracin Zinc USP.
<i>Inhalation:</i>	Exposure to a large single dose or repeated smaller doses of petrolatum by inhalation can lead to lipid pneumonia or lipid granuloma of the lung. These are low-grade, chronic, localized tissue reactions. Shortness of breath and cough are the most common symptoms.
<i>Ingestion:</i>	Exposure to a large single dose or repeated smaller doses of petrolatum by ingestion leading to aspiration can lead to lipid pneumonia or lipid granuloma of the lung. These are low-grade, chronic, localized tissue reactions. Shortness of breath and cough are the most common symptoms.

MATERIAL SAFETY DATA SHEET

Triple Antibiotic Ointment	MSDS No.:	014
	Revision No.:	5

FIRST AID MEASURES – SECTION 4	
SEEK MEDICAL ATTENTION FOR ALL CASES OF OVEREXPOSURE.	
<u>FIRST AID MEASURES:</u>	
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.
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:	This material has a low vapor pressure and is not expected to present an inhalation exposure at ambient conditions. If vapor or mist is generated when the material is heated or handled, remove victim from exposure.
Ingestion:	Do not induce vomiting due to aspiration hazard. If vomiting should occur, lower head below knees to avoid aspiration.
Instructions for Physician:	Exposure to a large single dose or repeated smaller doses of petrolatum by inhalation, aspiration, or ingestion, leading to aspiration, can lead to lipid pneumonia or lipid granuloma of the lung. These are low-grade, chronic, localized tissue reactions. Shortness of breath and cough are the most common symptoms.

FIRE FIGHTING MEASURES – SECTION 5			
<i>NFPA Classification</i>			
<u>Health</u>	<u>Fire</u>	<u>Reactivity</u>	<u>Other</u>
0	1	0	N/A
<u>FLAMMABILITY PROPERTIES</u>			
Flash Point:	Higher than 93.3°C 200°F)	Method:	Closed Cup
Flammability Limits: (in air % by volume)	LEL:	N/A	UEL: N/A
<u>Autoignition Temperature:</u>			
No information available.			

MATERIAL SAFETY DATA SHEET

<i>Triple Antibiotic Ointment</i>	MSDS No.:	014
	Revision No.:	5

<u>Hazardous Combustion Products:</u>
Carbon monoxide, carbon dioxide.
<u>Extinguishing Media:</u>
Use dry chemical, foam, or carbon dioxide.
<u>Prohibited Extinguishing Media:</u>
No information available.
<u>Firefighting Instructions:</u>
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.
<u>Unusual Fire and Explosion Hazards:</u>
Dense smoke may be generated while burning. Carbon monoxide, carbon dioxide, and other oxides may be generated as products of combustion.

ACCIDENTAL RELEASE MEASURES – SECTION 6	
<u>Environmental Precautions:</u>	
Caontain spill immediately. Do not allow spill to enter sewers or watercourses.	
<u>Cleanup Methods:</u>	
<u>Small spills:</u> Absorb with appropriate inert material such as sand, clay, etc. and dispose of into a suitable container.	
<u>Large spills:</u> Large spills may be picked up using vacuum pumps, shovels, buckets, or other means and placed in drums or other suitable containers.	

HANDLING & STORAGE – SECTION 7	
Handling:	Avoid breathing vapors or mist. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling. Wash clothing prior to reuse. May be slippery when spilled.
Storage:	Do not transfer to unmarked containers. Store in closed containers away from heat, sparks, open flame, or oxidizing materials.
Specific Uses:	First aid antibiotic ointment to help prevent infection in minor cuts, scrapes and burns. For external use only.

MATERIAL SAFETY DATA SHEET

<i>Triple Antibiotic Ointment</i>	MSDS No.:	014
	Revision No.:	5

EXPOSURE CONTROLS / PERSONAL PROTECTION – SECTION 8		
<u>EXPOSURE CONTROLS:</u>		
<u>Exposure Limits Values:</u>		
	<u>OSHA PEL:</u>	<u>ACGIH TLV:</u>
Petrolatum USP	Not Established	Not Established
<u>Engineering Controls:</u>		
If vapor or mist is generated when the material is heated or handled, adequate ventilation in accordance with good engineering practice must be provided to maintain concentrations below the specified exposure or flammable limits.		
<u>PERSONAL PROTECTIVE EQUIPMENT:</u>		
<u>Respiratory Protection:</u>		
Respiratory protection is not required under conditions of normal use. If vapor or mist is generated when the material is heated or handled, use an organic vapor respirator with a dust and mist filter. All respirations must be NIOSH certified.		
<u>Hand Protection:</u>		
For prolonged or repeated exposures, use impervious gloves. If handling hot material, use insulated protective gloves.		
<u>Eye/Face Protection:</u>		
Eye protection is not required under conditions of normal use. If material is handled such that it could be splashed into eyes, wear plastic face shield or splash-proof safety goggles.		
<u>Skin Protection:</u>		
No skin protection is required for single, short duration exposures. For prolonged or repeated exposures, use impervious clothing (boots, aprons, etc.) over parts of the body subject to exposure. If handling hot material, use insulated protective clothing (boots, aprons, etc.) Launder soiled clothes. Properly dispose of contaminated leather articles including shoes, which cannot be decontaminated.		
<u>General Hygiene Considerations:</u>		
Consumption of food and beverage should be avoided in work areas where hydrocarbons are present. Always wash hands and face with soap and water before eating, drinking, or smoking.		
<u>Other Protective Equipment:</u>		
No information available.		

MATERIAL SAFETY DATA SHEET

Triple Antibiotic Ointment	MSDS No.:	014
	Revision No.:	5

PHYSICAL & CHEMICAL PROPERTIES – SECTION 9	
PRODUCT:	Triple Antibiotic Ointment
General Information:	
Appearance	Off-white lustrous ointment
Odor	Odorless
Important Health, Safety, and Environmental Information:	
Boiling Point	650°F (343.3 C)
Melting Point	125-130°F (51.7 – 54.4°C)
Flash Point	Higher than 93.3°C (200°C)
Explosive Properties	No information available.
Oxidizing Properties	No information available.
Specific Gravity ($H_2O = 1$)	0.86 – 0.87
Water Solubility	Insoluble in water
Partition Coefficient (<i>n</i> -octanol/water)	No information available.
Viscosity	No information available.
Vapor Pressure (<i>mm Hg</i>)	No information available.
Vapor Density (<i>Air = 1</i>)	No information available.
Evaporation Rate	No information available.
% Volatile (<i>By Volume @ 68°F</i>)	No information available.

STABILITY & REACTIVITY – SECTION 10
Stability:
Stable.
Conditions to avoid:
Heat, sparks, and flames.
Materials to avoid:
May react with strong oxidizing agents.
Hazardous Decomposition Products:
Carbon monoxide, carbon dioxide, and other oxides may be generated as products of combustion.
Hazardous Polymerization:
Will not occur.

MATERIAL SAFETY DATA SHEET

<i>Triple Antibiotic Ointment</i>	MSDS No.:	014
	Revision No.:	5

TOXICOLOGICAL INFORMATION – SECTION 11				
<u>Type of Test</u>	<u>Route of Exposure</u>	<u>Effects</u>	<u>Species Observed</u>	<u>Dose Data</u>
No information available.				

ECOLOGICAL INFORMATION – SECTION 12
<u>Ecotoxicity:</u> No information available.
<u>Mobility:</u> No information available.
<u>Persistence and Degradability:</u> No information available.
<u>Bio accumulative Potential:</u> No information available.

DISPOSAL CONSIDERATION – SECTION 13
All disposals of this material must comply with federal, state, and local regulations.

TRANSPORT INFORMATION – SECTION 14	
<u>DOT CLASSIFICATION:</u>	
UN Number:	Not Regulated for Domestic Transport.
Class:	
Proper Shipping Name:	
Packing Group:	
Marine Pollutant:	
Other Information:	
<u>IATA CLASSIFICATION:</u>	
Un Number:	Not Regulated for International Air Transport.
Class:	
Proper Shipping Name:	
Packing Group:	
Marine Pollutant:	
Other Information:	

MATERIAL SAFETY DATA SHEET

<i>Triple Antibiotic Ointment</i>	MSDS No.:	014
	Revision No.:	5

<u>IMDG CLASSIFICATION:</u>	
Un Number:	Not Regulated for International Water Transport.
Class:	
Proper Shipping Name:	
Packing Group:	
Marine Pollutant:	
Other Information:	

REGULATORY INFORMATION – SECTION 15	
<u>US REGULATIONS</u>	
ACGIH	Not Established
CAA Section 112	Not Listed
CERCLA	Not Listed
IARC	Not Listed
NTP	Not Listed
OSHA	Not Established
SARA Title III	Not Listed
TSCA	Not Listed
<u>STATE REGULATIONS</u>	
MA substance List	Not Listed
NJ RTK Hazardous Substance List	Not Listed
PA Hazardous Substance List	Not Listed
Canadian WHMIS	Uncontrolled product according to WHMIS classification criteria.

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