



## **SAFETY DATA SHEET**

*EFFECTIVE DATE:* 12/02/15

**ITEM:** Fish 'N Ski Kit

**PART #**

963

**UPC**

077403614561

### **CONTENTS:**

Alcohol Prep / Swab SDS

First Aid Burn Cream SDS

Meclazine SDS

Non Aspirin, Extra Strength SDS

Sting and Bite Pad SDS

### **SHIPPING INFORMATION**

no special designation



Corporate Headquarters  
10 Glenshaw Street, Orangeburg, NY 10962  
Tel: 845.365.8200 • Fax: 845.365.8201  
Toll-Free: 888.DYNAREX

Reviewed on 5/4/15

## 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

**Manufacturer's Address:** 10 Glenshaw Street  
Orangeburg, NY 10962

**Emergency or Information Phone No.:** 888-DYNAREX or 845-365-8200  
At other times, contact the local Poison Control Center

### 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:



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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



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## 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



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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.



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## SECTION 8. Exposure controls/personal protection

- OSHA Occupation Exposure Standards PEL 400ppm (980mg/m<sup>3</sup>) 8h TWA
- UK EH40: OES 400ppm (980mg/m<sup>3</sup>) 8h TWA
- UK EH40: OES 500ppm (1225mg/m<sup>3</sup>) 15min TWA
- ACGIH: TLV 200ppm (980mg/m<sup>3</sup>) 8h TWA
- ACGIH: STEL 400ppm (1225mg/m<sup>3</sup>) 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





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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



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- 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





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- 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.

# MATERIAL SAFETY DATA SHEET

<b>First Aid Burn Cream</b>	MSDS No.:	007
	Revision No.:	5
	Effective Date:	10/21/2014

## PRODUCT AND COMPANY INFORMATION – SECTION 1

<b>Manufacturer/Distributor</b>	Water-Jel Technologies
	50 Broad Street
	Carlstadt, NJ 07072
	201-507-8300
	800-275-3433
<b>Product Name:</b>	<b>First Aid Burn Cream</b>
<b>Synonyms:</b>	Topical Cream, Burn Cream
<b>Intended Use:</b>	First aid to help prevent infection and for temporary relief of pain in minor cuts, scrapes, and burns. For external use only.

### FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT:

In the continental U.S.: 800-275-3433  
 For additional information: 201-507-8300

## 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.

<b>Chemical Name:</b>	Cetyl Alcohol	
<b>Percent:</b>	Proprietary	
<b>CAS Number:</b>	36653-82-4	
<b>Exposure Limits:</b>	None Established	
<b>Chemical Name:</b>	Germaben II	
<b>Percent:</b>	Proprietary	
<b>CAS Number:</b>	No information available.	
<b>Exposure Limits:</b>	None Established	
<b>Chemical Name:</b>	Glycerin	
<b>Percent:</b>	Proprietary	
<b>CAS Number:</b>	56-81-5	
<b>Exposure Limits:</b>	ACGIH TWA (Glycerin Mist):	OSHA PEL (Glycerin Mist):
	Total Dust: 15 mg/m <sup>3</sup>	Total Dust: 10 mg/m <sup>3</sup>
	Respirable Fraction: 5 mg/m <sup>3</sup>	Respirable Fraction: 5 mg/m <sup>3</sup>
<b>Chemical Name:</b>	Glyceryl Monostearate SE (Glyceryl Stearate)	
<b>Percent:</b>	Proprietary	
<b>CAS Number:</b>	31566-31-3	
<b>Exposure Limits:</b>	TWA (Stearates):  10 mg/m <sup>3</sup>	

# MATERIAL SAFETY DATA SHEET

<b>First Aid Burn Cream</b>	MSDS No.:	007
	Revision No.:	5
	Effective Date:	10/21/2014

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

## HAZARDS IDENTIFICATION – SECTION 3

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

<b>First Aid Burn Cream</b>	MSDS No.:	007
	Revision No.:	5
	Effective Date:	10/21/2014

## FIRST AID MEASURES – SECTION 4

**SEEK MEDICAL ATTENTION FOR ALL CASES OF OVEREXPOSURE.**

<b>FIRST AID MEASURES:</b>	
<b>Eyes:</b>	Flush immediately with large amounts of water. If redness or irritation persists, contact a physician.
<b>Skin:</b>	No adverse conditions expected.
<b>Inhalation:</b>	Unlikely route of exposure.
<b>Ingestion:</b>	Contact a physician immediately.
<b>Instructions for Physician:</b>	Available data does not identify any conditions.

## FIRE FIGHTING MEASURES – SECTION 5

### NFPA Classification

<u>Health</u>	<u>Fire</u>	<u>Reactivity</u>	<u>Other</u>
1	0	0	N/A

### FLAMMABILITY PROPERTIES

<b>Flash Point:</b>	N/A	<b>Method:</b>	N/A
<b>Flammability Limits:</b> (in air % by volume)		<b>LEL:</b>	N/A
		<b>UEL:</b>	N/A

### Autoignition Temperature:

N/A

### Hazardous Combustion Products:

Carbon Monoxide, Carbon Dioxide

### Extinguishing Media:

Use extinguishing media appropriate for the surrounding fire. Use water spray, foam or dry chemical.

### Prohibited Extinguishing Media:

In fires involving large quantities of this product, the use of large streams of water should be avoided.

### Firefighting Instructions:

Use self-contained breathing apparatus when fighting fires that involve this material.

### Unusual Fire and Explosion Hazards:

Carbon monoxide and carbon dioxide may be generated.

# MATERIAL SAFETY DATA SHEET

<b>First Aid Burn Cream</b>	MSDS No.:	007
	Revision No.:	5
	Effective Date:	10/21/2014

## 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

<b>Handling:</b>	Keep this and other chemicals out of reach of children.
<b>Storage:</b>	Do not store or mix with strong acids or oxidizers.
<b>Specific Uses:</b>	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 <sup>3</sup>
Glycerin Mist (Glycerin)	<u>Total Dust:</u> 15 mg/m <sup>3</sup>	<u>Total Dust:</u> 10 mg/m <sup>3</sup>
	<u>Respirable Fraction:</u> 5 mg/m <sup>3</sup>	<u>Respirable Fraction:</u> 5 mg/m <sup>3</sup>

### 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

<b>First Aid Burn Cream</b>	MSDS No.:	007
	Revision No.:	5
	Effective Date:	10/21/2014

## Other Protective Equipment:

Eye wash stations should be nearby and ready for use.

## PHYSICAL & CHEMICAL PROPERTIES – SECTION 9

<b>PRODUCT:</b>	<b>First Aid Burn Cream</b>
<b>General Information:</b>	
Appearance	White homogeneous cream
Odor	Slightly fatty odor
<b>Important Health, Safety, and Environmental Information:</b>	
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</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	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

<b>First Aid Burn Cream</b>	MSDS No.:	007
	Revision No.:	5
	Effective Date:	10/21/2014

## 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 <sub>50</sub> – (Cetyl Alcohol)	Oral	Death	Rodent - Rat	5 mg/kg
LD <sub>50</sub> – (Glycerin)	Oral	Death	Rodent - Rat	12600 mg/kg
LD <sub>50</sub> – (Glyceril Stearate)	Intraperitoneal	Death	Rodent - Mouse	200 mg/kg
LD <sub>50</sub> – (Mineral Oil)	Oral	Death	Rodent - Mouse	22 gm/kg
LD <sub>50</sub> – (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:

<b>UN Number:</b>	Not Regulated for Domestic Transport.
<b>Class:</b>	

# MATERIAL SAFETY DATA SHEET

<b>First Aid Burn Cream</b>	MSDS No.:	007
	Revision No.:	5
	Effective Date:	10/21/2014

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

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

## MATERIAL SAFETY DATA SHEET

<b>First Aid Burn Cream</b>	MSDS No.:	007
	Revision No.:	5
	Effective Date:	10/21/2014

TSCA	Not Listed
<b><u>STATE REGULATIONS</u></b>	
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.*



# MATERIAL SAFETY DATA SHEET

Revision date: 02-Jan-2007

Version: 2.4

Page 1 of 7

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

**Pfizer Inc**  
**Pfizer Pharmaceuticals Group**  
**235 East 42nd Street**  
**New York, New York 10017**  
**1-212-573-2222**

**Pfizer Ltd**  
**Ramsgate Road**  
**Sandwich, Kent**  
**CT13 9NJ**  
**United Kingdom**  
**+00 44 (0)1304 616161**

**Emergency telephone number:**  
**CHEMTREC (24 hours): 1-800-424-9300**

**Emergency telephone number:**  
**ChemSafe (24 hours): +44 (0)208 762 8322**

**Material Name: Meclizine hydrochloride chewable tablets**

**Trade Name:** Bonine(R); Bonamine(TM)  
**Chemical Family:** Mixture  
**Intended Use:** Pharmaceutical product for the treatment of nausea and vomiting (antiemetic).

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### Hazardous

Ingredient	CAS Number	EU EINECS List	%
Meclizine hydrochloride	31884-77-2	Not listed	12.5
Colloidal silicon dioxide	7631-86-9	231-545-4	*
Starch	9005-25-8	232-679-6	*
Sodium saccharin USP	128-44-9	204-886-1	*
Magnesium stearate	557-04-0	209-150-3	*
Talc (non-asbestiform)	14807-96-6	238-877-9	*

Ingredient	CAS Number	EU EINECS List	%
FD & C Red No. 40	25956-17-6	247-368-0	*
Lactose NF, monohydrate	64044-51-5	Not listed	*
Raspberry flavor	NOT ASSIGNED	Not listed	*

**Additional Information:** \* Proprietary  
Ingredient(s) indicated as hazardous have been assessed under standards for workplace safety.

## 3. HAZARDS IDENTIFICATION

**Appearance:** Pink tablets  
**Signal Word:** WARNING

**Statement of Hazard:** May be harmful if swallowed.  
May cause central nervous system effects.  
**Known Clinical Effects:** Adverse effects most commonly reported in clinical use include sleepiness, drowsiness, fatigue, headache, dizziness, and dry mouth  
**EU Indication of danger:** Not classified

## MATERIAL SAFETY DATA SHEET

Material Name: Meclizine hydrochloride chewable tablets  
Revision date: 02-Jan-2007

Page 2 of 7  
Version: 2.4

**Note:** This document has been prepared in accordance with standards for workplace safety, which require the inclusion of all known hazards of the active substance or its intermediates regardless of the potential risk. The precautionary statements and warnings included may not apply in all cases. Your needs may vary depending upon the potential for exposure in your workplace.

### 4. FIRST AID MEASURES

**Eye Contact:** Immediately flush eyes with water for at least 15 minutes. If irritation occurs or persists, get medical attention.

**Skin Contact:** Wash skin with soap and water. Remove contaminated clothing and shoes. This material may not be completely removed by conventional laundering. Consult professional laundry service. Do not home launder. If irritation occurs or persists, get medical attention.

**Ingestion:** Get medical attention immediately. Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. Get medical attention immediately.

### 5. FIRE FIGHTING MEASURES

**Extinguishing Media:** Use carbon dioxide, dry chemical, or water spray.

**Hazardous Combustion Products:** May emit toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen chloride and other chlorine-containing compounds.

**Fire Fighting Procedures:** Wear approved positive pressure, self-contained breathing apparatus and full protective turn out gear. Evacuate area and fight fire from a safe distance.

**Fire / Explosion Hazards:** Not available

### 6. ACCIDENTAL RELEASE MEASURES

**Health and Safety Precautions:** Personnel involved in clean-up should wear appropriate personal protective equipment (see Section 8). Minimize exposure.

**Measures for Cleaning / Collecting:** Contain the source of spill if it is safe to do so. Collect spilled material by a method that controls dust generation. A damp cloth or a filtered vacuum should be used to clean spills of dry solids. Clean spill area thoroughly.

**Measures for Environmental Protections:** Place waste in an appropriately labeled, sealed container for disposal. Care should be taken to avoid environmental release.

**Additional Consideration for Large Spills:** Non-essential personnel should be evacuated from affected area. Report emergency situations immediately. Clean up operations should only be undertaken by trained personnel.

### 7. HANDLING AND STORAGE

**General Handling:** Minimize dust generation and accumulation. Use appropriate ventilation. If tablets or capsules are crushed and/or broken, avoid breathing dust and avoid contact with eyes, skin, and clothing.

**Storage Conditions:** Keep container tightly closed when not in use. Store out of direct sunlight in a well ventilated area at room temperature.

**Storage Temperature:** 15-30°C

## MATERIAL SAFETY DATA SHEET

Material Name: Meclizine hydrochloride chewable tablets  
Revision date: 02-Jan-2007

Page 3 of 7  
Version: 2.4

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Meclizine hydrochloride

Pfizer OEL TWA-8 Hr: 0.07 mg/m<sup>3</sup>

#### Colloidal silicon dioxide

OSHA - Final PELs - Table Z-3 Mineral D: (80)/(% SiO<sub>2</sub>) mg/m<sup>3</sup> TWA  
= 20 mppcf TWA  
Australia TWA = 2 mg/m<sup>3</sup> TWA

#### Starch

OSHA - Final PELs - TWAs: = 15 mg/m<sup>3</sup> TWA total  
= 5 mg/m<sup>3</sup> TWA  
ACGIH Threshold Limit Value (TWA) = 10 mg/m<sup>3</sup> TWA  
Australia TWA = 10 mg/m<sup>3</sup> TWA

#### Magnesium stearate

ACGIH Threshold Limit Value (TWA) = 10 mg/m<sup>3</sup> TWA except stearates of toxic metals  
Australia TWA = 10 mg/m<sup>3</sup> TWA

#### Talc (non-asbestiform)

OSHA - Final PELs - Table Z-3 Mineral D: = 20 mppcf TWA  
ACGIH Threshold Limit Value (TWA) = 2 mg/m<sup>3</sup> TWA  
Australia TWA = 2.5 mg/m<sup>3</sup> TWA containing no asbestos fibers  
The exposure limit(s) listed for solid components are only relevant if dust may be generated.

**Analytical Method:** Analytical method available for Meclizine. Contact Pfizer Inc for further information.

**Engineering Controls:** Good general ventilation should be sufficient to control airborne levels.

#### Personal Protective Equipment:

**Hands:** Not required for the normal use of this product. Wear protective gloves when working with large quantities.  
**Eyes:** Not required under normal conditions of use. Wear safety glasses or goggles if eye contact is possible.  
**Skin:** Not required for the normal use of this product. Wear protective clothing when working with large quantities.  
**Respiratory protection:** None required under normal conditions of use. If the applicable Occupational Exposure Limit (OEL) is exceeded, wear an appropriate respirator with a protection factor sufficient to control exposures to below the OEL.

### 9. PHYSICAL AND CHEMICAL PROPERTIES:

<b>Physical State:</b>	Tablet	<b>Color:</b>	Pink
<b>Odor:</b>	Odorless	<b>Molecular Formula:</b>	Mixture
<b>Molecular Weight:</b>	Mixture		

### 10. STABILITY AND REACTIVITY



## MATERIAL SAFETY DATA SHEET

Material Name: Meclizine hydrochloride chewable tablets  
Revision date: 02-Jan-2007

Page 4 of 7  
Version: 2.4

Stability: Stable  
Conditions to Avoid: None known  
Incompatible Materials: Strong oxidizers

Hazardous Decomposition Products: No data available See Section 5 - under Hazardous combustion products.  
Polymerization: Will not occur

### 11. TOXICOLOGICAL INFORMATION

#### Acute Toxicity: (Species, Route, End Point, Dose)

##### Talc (non-asbestiform)

Rat Oral LD50 > 1600 mg/kg

##### Starch

Mouse IP LD50 6600 mg/kg

##### Sodium saccharin USP

Mouse Oral LD50 17.5 g/kg

Rat Oral LD50 14.2 - 17 g/kg

##### Magnesium stearate

Rat Oral LD50 > 2000 mg/kg

Rat Inhalation LC50 > 2000 mg/m<sup>3</sup>

##### Meclizine hydrochloride

Mouse Oral LD50 1600 mg/kg

Rat Oral LD50 1750 mg/kg (free base)

**Acute Toxicity Comments:** A greater than symbol (>) indicates that the toxicity endpoint being tested was not achievable at the highest dose used in the test.

**Ingestion Acute Toxicity** The acute oral LD50 for the active ingredient is listed in the table, above. While this formulation has not been tested as a whole, it would not be expected to be toxic orally based on the amount of active ingredient it contains.

**Subchronic Effects** Subchronic toxicity studies in dogs and rats for six months showed no abnormal symptoms or changes.

**Chronic Effects/Carcinogenicity** No long-term toxicity studies have been conducted to evaluate the chronic toxicity or carcinogenic potential of this material.

#### Reproduction & Developmental Toxicity: (Study Type, Species, Route, Dose, End Point, Effect(s))

##### Meclizine hydrochloride

Embryo / Fetal Development Rat Oral 625-2500 mg/kg/day LOEL Teratogenic

Embryo / Fetal Development Rabbit No route specified Not Teratogenic

Embryo / Fetal Development Rabbit No route specified Not Teratogenic

Embryo / Fetal Development Monkey No route specified Not Teratogenic

**Teratogenicity** Epidemiological studies in pregnant women revealed no increased risk of abnormalities due to meclizine treatment. However, animal studies in mice, rats, and rabbits showed specific developmental abnormalities at maternally toxic doses.

**Mutagenicity** No data available

**Carcinogen Status:** None of the components of this formulation are listed as a carcinogen by IARC, NTP or OSHA.

##### Talc (non-asbestiform)

IARC: Group 3

##### Sodium saccharin USP

## MATERIAL SAFETY DATA SHEET

Material Name: Meclizine hydrochloride chewable tablets  
Revision date: 02-Jan-2007

Page 5 of 7  
Version: 2.4

IARC: Group 3

Colloidal silicon dioxide

IARC: Group 3

**At increase risk from exposure:** Individuals with a history of hypersensitivity to this material or other materials in its chemical class may be susceptible to the toxicity of overexposure. Individuals with asthma, glaucoma, or enlarged prostate gland and individuals taking central nervous system depressants (alcohol, hypnotics, narcotics, barbiturates) should avoid exposure to this material.

**Additional Information:** Phrase does not exist! Reproduction studies in rats have shown cleft palates. Epidemiological studies in pregnant women, however, do not indicate that meclizine increases the risk of abnormalities when administered during pregnancy. Despite the animal findings, it would appear that the possibility of fetal harm is remote.

### 12. ECOLOGICAL INFORMATION

**Environmental Overview:** The use and/or disposal of this material, its metabolites and degradation products is not expected to cause adverse effects upon animals, plants, humans, other organisms, or the environment.

### 13. DISPOSAL CONSIDERATIONS

**Disposal Procedures:** Dispose of waste in accordance with all applicable laws and regulations.

### 14. TRANSPORT INFORMATION

Not regulated for transport under USDOT, EUADR, IATA, or IMDG regulations.

### 15. REGULATORY INFORMATION

**EU Indication of danger:** Not classified

**OSHA Label:**

WARNING

May be harmful if swallowed.

May cause central nervous system effects.

**Canada - WHMIS: Classifications**

## MATERIAL SAFETY DATA SHEET

Material Name: Meclizine hydrochloride chewable tablets  
Revision date: 02-Jan-2007

Page 6 of 7  
Version: 2.4

### WHMIS hazard class:

None required

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

### Meclizine hydrochloride

Australia (AICS):	Present
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### Colloidal silicon dioxide

Inventory - United States TSCA - Sect. 8(b)	Present
Australia (AICS):	Present
EU EINECS List	231-545-4

### Starch

Inventory - United States TSCA - Sect. 8(b)	XU
Australia (AICS):	Present
EU EINECS List	232-679-6

### Sodium saccharin USP

Inventory - United States TSCA - Sect. 8(b)	Present
Australia (AICS):	Present
EU EINECS List	204-886-1

### FD & C Red No. 40

Inventory - United States TSCA - Sect. 8(b)	Present
Australia (AICS):	Present
EU EINECS List	247-368-0

### Lactose NF, monohydrate

Australia (AICS):	Present
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### Magnesium stearate

Inventory - United States TSCA - Sect. 8(b)	Present
Australia (AICS):	Present
EU EINECS List	209-150-3

### Talc (non-asbestiform)

Inventory - United States TSCA - Sect. 8(b)	Present
Australia (AICS):	Present
EU EINECS List	238-877-9

## 16. OTHER INFORMATION

### Reasons for Revision:

Updated Section 2 - Composition / Information on Ingredients. Updated Section 3 - Hazard Identification. Updated Section 6 - Accidental Release Measures. Updated Section 7 - Handling and Storage. Updated Section 8 - Exposure Controls / Personal Protection. Updated Section 11 - Toxicology Information. Updated Section 13 - Disposal Considerations. Updated Section 15 - Regulatory Information.

### Prepared by:

Toxicology and Hazard Communication  
Pfizer Global Environment, Health, and Safety

Pfizer Inc believes that the information contained in this Material Safety Data Sheet is accurate, and while it is provided in good faith, it is without a warranty of any kind, expressed or implied.

End of Safety Data Sheet

## MATERIAL SAFETY DATA SHEET

Material Name: Meclizine hydrochloride chewable tablets  
Revision date: 02-Jan-2007

Page 7 of 7  
Version: 2.4

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# DRUG FACTS PAC-KIT EXTRA STRENGTH NON-ASPIRIN TABLETS

Pac-Kit Safety Equipment Co.  
57 Chestnut St. S. Norwalk, CT, USA 06854

**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

# Medicaine® Sting and Bite Relief

## Safety Data Sheet

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

Date of issue: 06/02/2014

Version: 1.0

### 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  
 845 Route 94 Blairstown  
 NJ 07825

Tel: (908) 362-9266

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. All non-emergency questions should be directed to JAC at (908) 362-9266.

#### 1.4. Emergency telephone number

Emergency number : Chemtrec (800) 424-9300

### 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/m³)	980 mg/m³
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<sup>®</sup> Sting and Bite Relief

## Safety Data Sheet

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

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

<b>Polyethylene glycol (25322-68-3)</b>	
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)

<b>Isopropyl alcohol (67-63-0)</b>	
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

<b>Isopropyl alcohol (67-63-0)</b>	
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])

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

### 12.2. Persistence and degradability

<b>Medicaine<sup>®</sup> Sting and Bite Relief</b>	
Persistence and degradability	Not established.

# Medicaine<sup>®</sup> 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<sup>®</sup> Sting and Bite Relief

Bioaccumulative potential	Not established.
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#### Isopropyl alcohol (67-63-0)

Log Pow	0.05 (at 25 °C)
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### 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<sup>®</sup> 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.
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SARA Section 313 - Emission Reporting	1.0 % (only if manufactured by the strong acid process, no supplier notification)
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#### 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

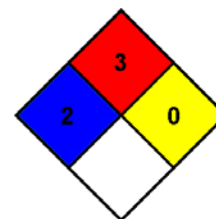
: 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

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.



SDS US (GHS HazCom 2012)

# Medicaine<sup>®</sup> Sting and Bite Relief

## Safety Data Sheet

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

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