SAFETY DATA SHEET

EFFECTIVE DATE: 12/02/15

ITEM: Fish 'N Ski Kit

PART #    UPC
963        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
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:
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 nervous 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

<table>
<thead>
<tr>
<th>Hazardous Ingredients (specific)</th>
<th>% Composition</th>
<th>CAS Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol (2-Propanol)</td>
<td>70%</td>
<td>67-63-0</td>
</tr>
<tr>
<td>Inactive Ingredient</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td>30%</td>
<td>7732-18-5</td>
</tr>
</tbody>
</table>
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.
**PRODUCT AND COMPANY INFORMATION – SECTION 1**

| Manufacturer/Distributor | Water-Jel Technologies  
|                          | 50 Broad Street  
|                          | Carlstadt, NJ 07072 |
| 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. |

**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.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Cetyl Alcohol</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent:</td>
<td>Proprietary</td>
</tr>
<tr>
<td>CAS Number:</td>
<td>36653-82-4</td>
</tr>
<tr>
<td>Exposure Limits:</td>
<td>None Established</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Germaben II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent:</td>
<td>Proprietary</td>
</tr>
<tr>
<td>CAS Number:</td>
<td>No information available.</td>
</tr>
<tr>
<td>Exposure Limits:</td>
<td>None Established</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Glycerin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent:</td>
<td>Proprietary</td>
</tr>
<tr>
<td>CAS Number:</td>
<td>56-81-5</td>
</tr>
</tbody>
</table>

| Exposure Limits:       | ACGIH TWA (Glycerin Mist):  
|                        | Total Dust: 15 mg/m³  
|                        | Respirable Fraction: 5 mg/m³ |
|                        | OSHA PEL (Glycerin Mist):  
|                        | Total Dust: 10 mg/m³  
|                        | Respirable Fraction: 5 mg/m³ |

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Glyceryl Monostearate SE (Glyceryl Stearate)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent:</td>
<td>Proprietary</td>
</tr>
<tr>
<td>CAS Number:</td>
<td>31566-31-3</td>
</tr>
</tbody>
</table>
| Exposure Limits:       | TWA (Stearates):  
|                        | 10 mg/m³                                     |
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

POTENTIAL HEALTH EFFECTS:

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.

CHRONIC HEALTH EFFECTS:

Eyes: Flush eyes with clear running water for a minimum of fifteen (15) minutes while holding eyelids open; if irritation persists, seek medical attention.

Skin: No adverse conditions expected.

Inhalation: Unlikely route of exposure.

Ingestion: 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**

<table>
<thead>
<tr>
<th>MSDS No.: 007</th>
<th>Revision No.: 5</th>
<th>Effective Date: 10/21/2014</th>
</tr>
</thead>
</table>

## FIRST AID MEASURES – SECTION 4

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

### FIRST AID MEASURES:

<table>
<thead>
<tr>
<th>Eyes:</th>
<th>Flush immediately with large amounts of water. If redness or irritation persists, contact a physician.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin:</td>
<td>No adverse conditions expected.</td>
</tr>
<tr>
<td>Inhalation:</td>
<td>Unlikely route of exposure.</td>
</tr>
<tr>
<td>Ingestion:</td>
<td>Contact a physician immediately.</td>
</tr>
</tbody>
</table>

**Instructions for Physician:**

Available date does not identify any conditions.

## FIRE FIGHTING MEASURES – SECTION 5

### NFPA Classification

<table>
<thead>
<tr>
<th>Health</th>
<th>Fire</th>
<th>Reactivity</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### FLAMMABILITY PROPERTIES

- **Flash Point:** N/A
- **Method:** N/A
- **Flammability Limits:** (in air % by volume)
  - LEL: N/A
  - UEL: 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.
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:**

<table>
<thead>
<tr>
<th></th>
<th>OSHA PEL:</th>
<th>ACGIH TLV:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stearates (Glyceryl Stearate)</td>
<td>Not Established</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>Glycerin Mist (Glycerin)</td>
<td>Total Dust: 15 mg/m³</td>
<td>Total Dust: 10 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Respirable Fraction: 5 mg/m³</td>
<td>Respirable Fraction: 5 mg/m³</td>
</tr>
</tbody>
</table>

**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.
Other Protective Equipment:

Eye wash stations should be nearby and ready for use.

**PHYSICAL & CHEMICAL PROPERTIES – SECTION 9**

<table>
<thead>
<tr>
<th>PRODUCT:</th>
<th>First Aid Burn Cream</th>
</tr>
</thead>
</table>

**General Information:**

<table>
<thead>
<tr>
<th>Appearance</th>
<th>White homogeneous cream</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor</td>
<td>Slightly fatty odor</td>
</tr>
</tbody>
</table>

**Important Health, Safety, and Environmental Information:**

<table>
<thead>
<tr>
<th>Boiling Point</th>
<th>135°C 275°F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting Point</td>
<td>60°C (140°F)</td>
</tr>
<tr>
<td>Flash Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>No information available.</td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>No information available.</td>
</tr>
<tr>
<td>Specific Gravity ( (H_2O = 1) )</td>
<td>0.81</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Miscible</td>
</tr>
<tr>
<td>Partition Coefficient ( (n\text{-octanol/water}) )</td>
<td>No information available.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No information available.</td>
</tr>
<tr>
<td>Vapor Pressure ( (mm Hg) )</td>
<td>No information available.</td>
</tr>
<tr>
<td>Vapor Density ( (Air = 1) )</td>
<td>No information available.</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>0.07</td>
</tr>
<tr>
<td>% Volatile ( (By Volume @ 68°F) )</td>
<td>65</td>
</tr>
</tbody>
</table>

**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
Hazardous Polymerization:
Will not occur.

TOXICOLOGICAL INFORMATION – SECTION 11

<table>
<thead>
<tr>
<th>Type of Test</th>
<th>Route of Exposure</th>
<th>Effects</th>
<th>Species Observed</th>
<th>Dose Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD₅₀ – (Cetyl Alcohol)</td>
<td>Oral</td>
<td>Death</td>
<td>Rodent - Rat</td>
<td>5 mg/kg</td>
</tr>
<tr>
<td>LD₅₀ – (Glycerin)</td>
<td>Oral</td>
<td>Death</td>
<td>Rodent - Rat</td>
<td>12600 mg/kg</td>
</tr>
<tr>
<td>LD₅₀ – (Glyceril Stearate)</td>
<td>Intraperitoneal</td>
<td>Death</td>
<td>Rodent - Mouse</td>
<td>200 mg/kg</td>
</tr>
<tr>
<td>LD₅₀ – (Mineral Oil)</td>
<td>Oral</td>
<td>Death</td>
<td>Rodent - Mouse</td>
<td>22 gm/kg</td>
</tr>
<tr>
<td>LD₅₀ – (Stearic Acid)</td>
<td>Intravenous</td>
<td>Death</td>
<td>Rodent - Rat</td>
<td>21500 ug/kg</td>
</tr>
</tbody>
</table>

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: Not Regulated for Domestic Transport.
Class:
### REGULATORY INFORMATION – SECTION 15

#### US REGULATIONS

<table>
<thead>
<tr>
<th>Agency</th>
<th>Regulations Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>TWA (Glycerin Mist):</td>
</tr>
<tr>
<td></td>
<td>Total Dust: 15 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Respirable Fraction: 5 mg/m³</td>
</tr>
<tr>
<td></td>
<td>TWA (Stearates):</td>
</tr>
<tr>
<td></td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>CAA Section 112</td>
<td>Not Listed</td>
</tr>
<tr>
<td>CERCLA</td>
<td>Not Listed</td>
</tr>
<tr>
<td>IARC</td>
<td>Not Listed</td>
</tr>
<tr>
<td>NTP</td>
<td>Not Listed</td>
</tr>
<tr>
<td>OSHA</td>
<td>OSHA PEL (Glycerin Mist):</td>
</tr>
<tr>
<td></td>
<td>Total Dust: 10 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Respirable Fraction: 5 mg/m³</td>
</tr>
<tr>
<td>SARA Title III</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>
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

**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

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**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>EU EINECS List</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meclizine hydrochloride</td>
<td>31884-77-2</td>
<td>Not listed</td>
<td>12.5</td>
</tr>
<tr>
<td>Colloidal silicon dioxide</td>
<td>7631-86-9</td>
<td>231-545-4</td>
<td>*</td>
</tr>
<tr>
<td>Starch</td>
<td>9005-25-8</td>
<td>232-679-6</td>
<td>*</td>
</tr>
<tr>
<td>Sodium saccharin USP</td>
<td>128-44-9</td>
<td>204-886-1</td>
<td>*</td>
</tr>
<tr>
<td>Magnesium stearate</td>
<td>557-04-0</td>
<td>209-150-3</td>
<td>*</td>
</tr>
<tr>
<td>Talc (non-asbestiform)</td>
<td>14807-96-6</td>
<td>238-877-9</td>
<td>*</td>
</tr>
<tr>
<td>FD &amp; C Red No. 40</td>
<td>25956-17-6</td>
<td>247-368-0</td>
<td>*</td>
</tr>
<tr>
<td>Lactose NF, monohydrate</td>
<td>64044-51-5</td>
<td>Not listed</td>
<td>*</td>
</tr>
<tr>
<td>Rasberry flavor</td>
<td>NOT ASSIGNED</td>
<td>Not listed</td>
<td>*</td>
</tr>
</tbody>
</table>

**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
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
8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Meclizine hydrochloride
  Pfizer OEL TWA-8 Hr: 0.07 mg/m³

Colloidal silicon dioxide
  OSHA - Final PELs - Table Z-3 Mineral D: (80)/(% SiO2) mg/m³ TWA = 20 mppcf TWA
  Australia TWA = 2 mg/m³ TWA

Starch
  OSHA - Final PELS - TWAs: = 15 mg/m³ TWA total
  = 5 mg/m³ TWA
  ACGIH Threshold Limit Value (TWA)
  Australia TWA = 10 mg/m³ TWA

Magnesium stearate
  ACGIH Threshold Limit Value (TWA)
  Australia TWA = 10 mg/m³ TWA except stearates of toxic metals

Talc (non-asbestiform)
  OSHA - Final PELs - Table Z-3 Mineral D: = 20 mppcf TWA
  ACGIH Threshold Limit Value (TWA)
  Australia TWA = 2 mg/m³ TWA
  = 2.5 mg/m³ TWA containing no asbestos fibers

The exposure limit(s) listed for solid components are only relevant if dust may be generated.


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:

<table>
<thead>
<tr>
<th>Physical State:</th>
<th>Tablet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color:</td>
<td>Pink</td>
</tr>
<tr>
<td>Odor:</td>
<td>Odorless</td>
</tr>
<tr>
<td>Molecular Formula:</td>
<td>Mixture</td>
</tr>
<tr>
<td>Molecular Weight:</td>
<td>Mixture</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY
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/m³

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
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
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.

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.
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 acetamino-
phen. 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 atten-
tion 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
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+P335 - 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+P335 - 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

06/06/2014 EN (English) Page 1
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

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyethylene glycol</td>
<td>(CAS No) 25322-68-3</td>
<td>50 - 55</td>
<td>STOT SE 3, H335</td>
</tr>
</tbody>
</table>
| 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.
SECTION 5: Firefighting measures

5.1. Extinguishing media
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: 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.
## 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

<table>
<thead>
<tr>
<th>Isopropyl alcohol (67-63-0)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>USA ACGIH</td>
<td>ACGIH TWA (ppm)</td>
</tr>
<tr>
<td>USA ACGIH</td>
<td>ACGIH STEL (ppm)</td>
</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA PEL (TWA) (mg/m³)</td>
</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA PEL (TWA) (ppm)</td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear.</td>
</tr>
<tr>
<td>Colour</td>
<td>Green.</td>
</tr>
<tr>
<td>Odour</td>
<td>Odor of isopropyl alcohol, residual odor of menthol.</td>
</tr>
</tbody>
</table>
Medicaine® Sting and Bite Relief
Safety Data Sheet
according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

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

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

<table>
<thead>
<tr>
<th>Isopropyl alcohol (67-63-0)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>4396 mg/kg</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>12800 mg/kg</td>
</tr>
<tr>
<td>LC50 inhalation rat (ppm)</td>
<td>16000 ppm (Exposure time: 8 h)</td>
</tr>
<tr>
<td>ATE CLP (oral)</td>
<td>4396.000 mg/kg bodyweight</td>
</tr>
<tr>
<td>ATE CLP (dermal)</td>
<td>12800.000 mg/kg bodyweight</td>
</tr>
</tbody>
</table>
### Medicaine® Sting and Bite Relief

**Safety Data Sheet**

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

<table>
<thead>
<tr>
<th><strong>L-Menthol (2216-51-5)</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>3300 mg/kg</td>
</tr>
<tr>
<td>ATE CLP (oral)</td>
<td>3300.000 mg/kg bodyweight</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Polyethylene glycol (25322-68-3)</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 dermal rabbit</td>
<td>&gt; 20 ml/kg</td>
</tr>
</tbody>
</table>

**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)

<table>
<thead>
<tr>
<th><strong>Isopropyl alcohol (67-63-0)</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>IARC group</td>
<td>3 - Not classifiable</td>
</tr>
</tbody>
</table>

**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**

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

<table>
<thead>
<tr>
<th><strong>L-Menthol (2216-51-5)</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fishes 1</td>
<td>18.9 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])</td>
</tr>
</tbody>
</table>

**12.2. Persistence and degradability**

<table>
<thead>
<tr>
<th><strong>Medicaine® Sting and Bite Relief</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability</td>
<td>Not established.</td>
</tr>
</tbody>
</table>
12.3. Bioaccumulative potential

Medicaine® Sting and Bite Relief

Bioaccumulative potential

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
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 Sustances List) inventory.
WHMIS Classification: Class B Division 2 - Flammable Liquid
Class D Division 2 Subdivision B - Toxic material causing other toxic effects

L-Menthol (2216-51-5)
Listed on the Canadian DSL (Domestic Sustances List) inventory.

Polyethylene glycol (25322-68-3)
Listed on the Canadian DSL (Domestic Sustances 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

<table>
<thead>
<tr>
<th>Substance</th>
<th>Listings</th>
</tr>
</thead>
</table>
| **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) |

<table>
<thead>
<tr>
<th>Substance</th>
<th>Listings</th>
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</thead>
</table>
| **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 New Zealand - Inventory of Chemicals (NZIoC)  
Listed on Inventory of Chemicals and Chemical Substances (PICCS) |

<table>
<thead>
<tr>
<th>Substance</th>
<th>Listings</th>
</tr>
</thead>
</table>
| **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

<table>
<thead>
<tr>
<th>Other information</th>
<th>: None.</th>
</tr>
</thead>
</table>

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.

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SDS US (GHS HazCom 2012)
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