

## SAFETY DATA SHEET



# MED-NAP

### SECTION 1: PRODUCT IDENTIFICATION

**PRODUCT:** BZK Prep Pads and Towelette

**Product Label Name:** BZK Prep Pads and Towelette

**Company Name and Address:** Med Nap, LLC  
301 Marianne Street  
Brooksville, FL 34601

**Emergency Telephone Number:** 352-796-6020

**Recommended use:** First Aid Antiseptic.

### SECTION 2: HAZARDOUS IDENTIFICATION

**Emergency overview:** Contact with liquid may cause eye and skin irritation.

**Potential short-term health effects**

**Routes of exposure:** Eye, Skin contact, Skin absorption, Inhalation, Ingestion.

**Eyes:** May cause irritation.

**Skin:** In case of skin irritation, discontinue use of the product.

**Inhalation:** Not a normal route of exposure. May cause respiratory tract irritation.

**Ingestion:** Not a normal route of exposure. May cause stomach distress, nausea or vomiting.

**Target organs:** Eyes. Skin.

**Chronic effects:** Prolonged or repeated exposure can cause drying, defatting and dermatitis.

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

### SECTION 3: INFORMATION ON INGREDIENTS

| Ingredient list               | Cas #      | %         |
|-------------------------------|------------|-----------|
| Benzalkonium Chloride         | 68424-85-1 | 0.133%    |
| Methyl chloro isothiazolinone | 26172-55-4 | 0.00115%  |
| Methyl isothiazolinone        | 2682-20-4  | 0.00035%  |
| Purified Water                | 7732-18-5  | QS to 100 |

## SECTION 4: FIRST-AID MEASURES

### First aid procedures

#### Eye contact

Flush with cool water. Remove contact lenses, if applicable, and continue flushing.

Obtain medical attention if irritation persists.

**Skin contact:** In case of skin irritation, discontinue use of product.

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

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

**Notes to physician:** Symptoms may be delayed.

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

## SECTION 5: FIRE-FIGHTING MEASURES

**Flammable properties:** Not flammable by OSHA criteria

### Extinguishing media

**Suitable extinguishing media:** Treat for surrounding material.

**Unsuitable extinguishing media:** Not available

### Protection of firefighters

#### Specific hazards arising from the chemical:

Not available

#### Protective equipment for firefighters:

Firefighters should wear full protective clothing including self contained breathing apparatus.

**Hazardous combustion products:** May include and are not limited to: Oxides of carbon. Hydrogen chloride.

### Explosion data

**Sensitivity to mechanical impact;** Not available

**Sensitivity to static discharge:** Not available

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.

**Methods for containment:** Prevent entry into waterways, sewers, basements or confined areas.

**Methods for cleaning up:** Pick up and discard towel.

## SECTION 7: HANDLING AND STORAGE

**Handling:** Use good industrial hygiene practices in handling this material.

**Storage:** Keep out of reach of children. Store in a closed container away from incompatible materials.

## SECTION 8: EXPOSURE CONTROLS

**Engineering controls:** General ventilation normally adequate.

**Personal protective equipment**

**Eye / face protection:** Follow standard industrial hygiene practices.

**Hand protection** Not required.

**Skin and body protection:** As required by employer code.

**Respiratory protection** Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

**General hygiene considerations:** Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Liquid saturated on wipe

**Color** clear liquid

**Form** Liquid saturated on wipe.

**Odor** Characteristic

**Odor threshold** Not available

**Physical state** Solid

**pH** Not available

**Melting point** Not available

**Freezing point** Not available

**Boiling point** 101.11 °C (214 °F)

**Flash point** Not available

**Evaporation rate** Not available

**Flammability limits in air, lower, % by volume** Not available

**Flammability limits in air, upper, % by volume** Not applicable

**Vapor pressure** Not available

**Vapor density** Not available

**Specific gravity** Not available

**Octanol/water coefficient** Not available

**Solubility (H<sub>2</sub>O)** Not available

**Auto-ignition temperature** Not available

**VOC (Weight %)** Not available

**Viscosity** Not available

**Percent volatile** Not available

## SECTION 10: STABILITY AND REACTIVITY

**Chemical stability:** Stable under recommended storage conditions.

**Conditions to avoid:** Do not mix with other chemicals.

**Incompatible materials:** Caustics. Acids. Oxidizers.

**Hazardous decomposition products:** May include and are not limited to: Oxides of carbon. Hydrogen chloride.

**Possibility of hazardous reactions:** Hazardous polymerization does not occur.

## SECTION 11: TOXICOLOGICAL INFORMATION

### **Effects of acute exposure**

**Eye:** May cause irritation.

**Skin:** In case of skin irritation, discontinue use of the product.

**Inhalation:** Not a normal route of exposure. May cause respiratory tract irritation.

**Ingestion:** Not a normal route of exposure. May cause stomach distress, nausea or vomiting.

**Sensitization:** Non-hazardous by WHMIS/OSHA criteria.

**Chronic effects:** Non-hazardous by WHMIS/OSHA criteria.

**Carcinogenicity:** Non-hazardous by WHMIS/OSHA criteria.

**Mutagenicity:** Non-hazardous by WHMIS/OSHA criteria.

**Reproductive effects:** Non-hazardous by WHMIS/OSHA criteria.

**Teratogenicity:** Non-hazardous by WHMIS/OSHA criteria.

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** Not available

**Environmental effects:** Not available

**Aquatic toxicity:** Not available

**Persistence / degradability:** Not available

**Bioaccumulation / accumulation:** Not available

**Partition coefficient:** Not available

**Mobility in environmental media:** Not available

**Chemical fate information:** Not available

**Other adverse effects:** Not available

## SECTION 13: DISPOSABLE INFORMATION

**Waste codes:** Not available

**Disposal instructions:** Discard after single use.

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

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

**Waste from residues / unused products:** Not available

**Contaminated packaging:** Not available

## SECTION 14: TRANSPORT INFORMATION

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

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

## SECTION 15: REGULATORY INFORMATION

**US Federal regulations** This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

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

**Occupational Safety and Health Administration (OSHA):** 29 CFR 1910.1200 No hazardous chemicals

#### **SECTION 16: OTHER INFORMATION**

**Issue Date:** 1/1/2018

**Disclaimer:**

The information provided in this SDS is correct and is to the best of our knowledge, at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text. All Med Nap Products are Latex Free.

# SAFETY DATA SHEET

Issuing Date 05-June-2015

Revision Date 12-Dec-2018

Revision Number 1



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

### Product identifier

PHYSICIANS CARE EYEWASH

### Other means of identification

Synonyms None

### Recommended use of the chemical and restrictions on use

Recommended Use Medicinal products

Uses advised against No information available

### Details of the supplier of the safety data sheet

Supplier Name NIAGARA PHARMACEUTICALS INC.

Supplier Address 60 INNOVATION DRIVE  
FLAMBOROUGH  
ON  
L9H7P3  
CA

Supplier Phone Number Phone:905-690-6277  
Fax:905-690-6281

Supplier Email rjames@niagarapharmaceuticals.com

### Emergency telephone number

Company Emergency Phone Number 905-708-7962

## 2. HAZARDS IDENTIFICATION

### Classification

The Eyewash is an approved drug by the FDA used for cleansing the eye to help irritation or burning by removing loose foreign material. **This drug product is considered exempt from SDS as it does not fall under the definition of "Hazardous product" as per regulations - 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).**



## PHYSICIANS CARE EYEWASH

**GHS Label elements, including precautionary statements****Precautionary Statements - Prevention**

For single use only

**Precautionary Statements - Response**

If concerned: Get medical advice/attention

**Precautionary Statements - Storage**

Store as per product label between 20°C to 25°C(68°F to 77°F)

**Precautionary Statements - Disposal**

Dispose of contents/container in accordance with local regulations

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

0% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

No information available

**Interactions with Other Chemicals**

No information available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name                                | CAS No     | Weight-% | Trade Secret |
|--|------------|----------|--------------|
| Boric acid (H <sub>3</sub> BO <sub>3</sub> ) | 10043-35-3 | 1 - 5    | *            |
| Sodium borate                                | 1330-43-4  | 0.1 - 1  | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret

**4. FIRST AID MEASURES****First aid measures****Eye contact**

This product is a first aid measure for cleansing the eye to help relieve irritation or burning by removing loose foreign material.

**Skin contact**

None



PHYSICIANS CARE EYEWASH

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**Inhalation** None

**Ingestion** Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed**

**Most Important Symptoms and Effects** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

None.

**Unsuitable extinguishing media**

No information available

**Specific hazards arising from the chemical**

None

**Hazardous Combustion Products**

None

**Explosion Data**

**Sensitivity to Mechanical Impact** No.

**Sensitivity to Static Discharge** No.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## PHYSICIANS CARE EYEWASH

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** None

### Environmental precautions

**Environmental precautions** Refer to protective measures listed in Sections 7 and 8.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Soak up with inert absorbent material.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Handling** Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage** Store as sealed bottle. Do not use if seal is missing or broken. For single use only. Store as per product label between 20°C to 25°C (68°F to 77°F)

**Incompatible Products** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

### Exposure Guidelines

| Chemical Name  | ACGIH TLV   | OSHA PEL                            | NIOSH IDLH               |
|--|---|-------------------------------------|--------------------------|
| Boric acid (H <sub>3</sub> BO <sub>3</sub> )<br>10043-35-3 | TWA: 2 mg/m <sup>3</sup> inhalable fraction<br>STEL: 6 mg/m <sup>3</sup> inhalable fraction | -                                   |                          |
| Sodium borate<br>1330-43-4                                 | STEL: 6 mg/m <sup>3</sup> inhalable fraction<br>TWA: 2 mg/m <sup>3</sup> inhalable fraction | (vacated) TWA: 10 mg/m <sup>3</sup> | TWA: 1 mg/m <sup>3</sup> |

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d



## PHYSICIANS CARE EYEWASH

962 (11th Cir., 1992)

**Appropriate engineering controls**

**Engineering Measures**                      Showers  
    Eyewash stations  
    Ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**                      No special protective equipment required.

**Skin and body protection**                No special protective equipment required

**Respiratory protection**                 No protective equipment is needed under normal use conditions.

**Hygiene Measures**                        Handle in accordance with good industrial hygiene and safety practice. .

|  |
|--|
| <b>9. PHYSICAL AND CHEMICAL PROPERTIES</b> |
|--|

**Physical and Chemical Properties**

|                       |  |                       |                          |
|-----------------------|--|-----------------------|--------------------------|
| <b>Physical state</b> | Liquid                                 |                       |                          |
| <b>Appearance</b>     | Clear, colorless. No visual impurities | <b>Odor</b>           | Odorless                 |
| <b>Color</b>          | No information available               | <b>Odor Threshold</b> | No information available |

  

| Property                               | Values             | Remarks    | Method |
|--|--------------------|------------|--------|
| pH                                     | 7.4                | None known |        |
| Melting / freezing point               | No data available  | None known |        |
| Boiling point / boiling range          | No data available  | None known |        |
| Flash Point                            | No data available  | None known |        |
| Evaporation Rate                       | No data available  | None known |        |
| Flammability (solid, gas)              | No data available  | None known |        |
| Flammability Limit in Air              |                    |            |        |
| Upper flammability limit               | No data available  |            |        |
| Lower flammability limit               | No data available  |            |        |
| Vapor pressure                         | No data available  | None known |        |
| Vapor density                          | No data available  | None known |        |
| Specific Gravity                       | 1                  | None known |        |
| Water Solubility                       | Completely soluble | None known |        |
| Solubility in other solvents           | No data available  | None known |        |
| Partition coefficient: n-octanol/water | No data available  | None known |        |
| Autoignition temperature               | No data available  | None known |        |
| Decomposition temperature              | No data available  | None known |        |

## PHYSICIANS CARE EYEWASH

|                             |                   |            |
|-----------------------------|-------------------|------------|
| <b>Kinematic viscosity</b>  | No data available | None known |
| <b>Dynamic viscosity</b>    | No data available | None known |
| <b>Explosive properties</b> | No data available |            |
| <b>Oxidizing properties</b> | No data available |            |

**Other Information**

|                                   |                   |
|-----------------------------------|-------------------|
| <b>Softening Point</b>            | No data available |
| <b>VOC Content (%)</b>            | No data available |
| <b>Particle Size</b>              | No data available |
| <b>Particle Size Distribution</b> |                   |

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to avoid**

None known based on information supplied.

**Incompatible materials**

None known based on information supplied.

**Hazardous Decomposition Products**

None known

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information**

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Specific test data for the substance or mixture is not available. |
| <b>Eye contact</b>  | Specific test data for the substance or mixture is not available. |
| <b>Skin contact</b> | Specific test data for the substance or mixture is not available. |
| <b>Ingestion</b>    | Specific test data for the substance or mixture is not available. |

**Component Information**

| Chemical Name                    | Oral LD50            | Dermal LD50             | Inhalation LC50         |
|----------------------------------|----------------------|-------------------------|-------------------------|
| Boric acid (H3BO3)<br>10043-35-3 | = 2660 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | > 2.03 mg/L ( Rat ) 4 h |

## PHYSICIANS CARE EYEWASH

|                            |                      |                         |   |
|----------------------------|----------------------|-------------------------|---|
| Sodium borate<br>1330-43-4 | = 2403 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | - |
|----------------------------|----------------------|-------------------------|---|

**Information on toxicological effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available.

**Mutagenic Effects** No information available.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

**Reproductive toxicity** No information available

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Chronic Toxicity** No known effect based on information supplied.

**Target Organ Effects** No information available

**Aspiration Hazard** No information available.

**Numerical measures of toxicity Product Information**

The following values are calculated based on chapter 3.1 of the GHS document

Not applicable

## PHYSICIANS CARE EYEWASH

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

The environmental impact of this product has not been fully investigated.

| Chemical Name  | Toxicity to Algae   | Toxicity to Fish                             | Toxicity to Microorganisms | Daphnia Magna (Water Flea) |
|--|---|--|----------------------------|----------------------------|
| Boric acid (H <sub>3</sub> BO <sub>3</sub> )<br>10043-35-3 |   | 72h LC50: = 1020 mg/L<br>(Carassius auratus) |                            | 48h EC50: 115 - 153 mg/L   |
| Sodium borate<br>1330-43-4                                 | 96h EC50: = 158 mg/L<br>(Desmodesmus subspicatus)<br>96h EC50: 2.6 - 21.8 mg/L<br>(Pseudokirchneriella subcapitata) | 96h LC50: = 340 mg/L<br>(Limanda limanda)    |                            | 48h LC50: 1085 - 1402 mg/L |

**Persistence and Degradability**

No information available.

**Bioaccumulation**

| Chemical Name  | Log Pow |
|--|---------|
| Boric acid (H <sub>3</sub> BO <sub>3</sub> )<br>10043-35-3 | -0.757  |

**Other adverse effects**

No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods****Disposal methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging**

Dispose of contents/containers in accordance with local regulations.

**California Hazardous Waste Codes 561**

This product contains one substance that is listed with the State of California as a hazardous waste. However the amounts used in this product is negligible and is of below the prescribed limits for toxicity.

| Chemical Name  | California Hazardous Waste |
|--|----------------------------|
| Boric acid (H <sub>3</sub> BO <sub>3</sub> )<br>10043-35-3 | Toxic                      |



PHYSICIANS CARE EYEWASH

## 14. TRANSPORT INFORMATION

|   |                                       |
|---|---------------------------------------|
| <u>DOT</u><br>Proper Shipping Name<br>Hazard Class  | NOT REGULATED<br>NON REGULATED<br>N/A |
| <u>TDG</u>  | Not regulated                         |
| <u>MEX</u>  | Not regulated                         |
| <u>ICAO</u>   | Not regulated                         |
| <u>IATA</u><br>Proper Shipping Name<br>Hazard Class | Not regulated<br>NON REGULATED<br>N/A |
| <u>IMDG/IMO</u><br>Hazard Class                     | Not regulated<br>N/A                  |
| <u>RID</u>  | Not regulated                         |
| <u>ADR</u>  | Not regulated                         |
| <u>ADN</u>  | Not regulated                         |

## 15. REGULATORY INFORMATION

### International Inventories

|             |  |
|-------------|--|
| TSCA<br>DSL | Complies<br>All components are listed either on the DSL or NDSL. |
|-------------|--|

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

### US Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### SARA 311/312 Hazard Categories

|                                   |    |
|-----------------------------------|----|
| Acute Health Hazard               | No |
| Chronic Health Hazard             | No |
| Fire Hazard                       | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard                   | No |

#### CWA (Clean Water Act)



**PHYSICIANS CARE EYEWASH**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

| Chemical Name              | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|----------------------------|------------|---------------|--------------|--------------|----------|
| Sodium borate<br>1330-43-4 |            | X             | X            |              |          |

**International Regulations**

| Component                              | Carcinogen Status | Exposure Limits                 |
|--|-------------------|---------------------------------|
| Sodium borate<br>1330-43-4 ( 0.1 - 1 ) |                   | Mexico: TWA 1 mg/m <sup>3</sup> |

**Canada****WHMIS Hazard Class**

Not applicable

**16. OTHER INFORMATION**

|             |                         |                       |                          |  |
|-------------|-------------------------|-----------------------|--------------------------|--|
| <b>NFPA</b> | <b>Health Hazards</b> 0 | <b>Flammability</b> 0 | <b>Instability</b> 0     | <b>Physical and Chemical Hazards</b> - |
| <b>HMIS</b> | <b>Health Hazards</b> 0 | <b>Flammability</b> 0 | <b>Physical Hazard</b> 0 | <b>Personal Protection</b> X           |

**Prepared By** Niagara Pharmaceuticals Inc.  
60 Innovation Drive  
Flamborough, ON L9H7P3  
905-690-6277

**Revision Date** 12-Dec-2018

**Revision Note** No information available



PHYSICIANS CARE EYEWASH

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**Disclaimer**

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**End of Safety Data Sheet**





PASSION. PARTNERSHIP. POSSIBILITIES.

## SAFETY DATA SHEET

### SECTION 1: PRODUCT IDENTIFICATION

**Product:** Sting Relief Pad

**Product Label Name:** Sting Relief Pad

**Company Name and Address:** Dukal Corporation  
2 Fleetwood Court  
Ronkonkoma, NY 11779

**Emergency Telephone Number:** 631-656-3800

### SECTION 2: HAZARDOUS IDENTIFICATION

**Hazard Class/Category:** Flammable Liquid – 2  
Eye Irritation – 2A  
STOT (Single Exposure) - 3

**Hazard Symbol:**



**Signal Word:** Warning

**Hazard Statements:** Flammable liquid and vapor. (H226)  
Causes serious eye irritation. (H319)  
May cause drowsiness or dizziness. (H336)

**Precautionary statements:**

**General:** Keep out of reach of children. (P102)

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes.  
If eye irritation persists: Get medical advice/attention.  
(P305+P338) (P337+P313)

**Respiratory:** Avoid breathing fumes/mist/vapors. (P261)

### SECTION 3: INFORMATION ON INGREDIENTS

| Component Name    | CAS #   | Concentration | R Phrase |
|-------------------|---------|---------------|----------|
| Isopropyl Alcohol | 67-63-0 | 60%           | R11      |
| Benzocaine        | 94-09-7 | 6%            |          |

**Chemical Formula:** NH<sub>2</sub>C<sub>6</sub>H<sub>4</sub>COOC<sub>2</sub>H<sub>5</sub> / CH<sub>3</sub>CHOHCH<sub>3</sub>

OSHA Standard Format

#### SECTION 4: FIRST-AID MEASURES

**Emergency first aid procedures by route of exposure:**

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

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

**Skin:** If irritation is experienced, discontinue use. If irritation persists, seek medical attention.

**Eyes:** Rinse eyes with cool water for 15 minutes holding the eye open. Seek medical attention if irritation persists

#### SECTION 5: FIRE-FIGHTING MEASURES

**Flash Point:** 68.5°F, TOC Method

**Flammable Limits:** 750°F

**Extinguishing Media:** Use methods appropriate for the surrounding fire. Suggested: CO<sub>2</sub>, dry chemical powder, or alcohol resistant foam.

**Products of Combustion:** Upon decomposition this product may emit carbon dioxide, carbon monoxide and/or low molecular weight hydrocarbons.

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

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

**Environmental Precautions:** Prevent discharge to open waters.

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

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



## SAFETY DATA SHEET

### SECTION 7: HANDLING AND STORAGE

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

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

### SECTION 8: EXPOSURE CONTROLS

**Isopropyl Alcohol (67-63-0)**

**ACGIH OEL:** 200 ppm TWA

**OSHA OEL:** 400 ppm TWA; 980 mg/m<sup>3</sup> TWA

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

**Personal Protective Equipment (PPE):**

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

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

**Respiratory Protection:** May be needed if vapor concentrations are high.

**General Hygiene Considerations:** None needed under normal use.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Individually sealed Sting Relief Packet. No free liquid inside packaging.

**Appearance/Color:** White Non-Woven cloth saturated with clear solution

**Odor:** Alcohol

**PH:** Not Available.

**Vapor Pressure:** Not Available.

**Flammability Properties** (see section 5)

**Solubility (in water):** Chemical Is Soluble, Pad Not Soluble

**Specific Gravity @ 25°C:** 0.8405

**Evaporation Rate:** Not Available

**Auto-ignition temperature:** Not Available

**Decomposition temperature:** Not Available



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## SAFETY DATA SHEET

### SECTION 10: STABILITY AND REACTIVITY

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

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

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

**Hazardous Decomposition:** Not Available.

**Hazardous Reactions:** Hazardous polymerization will not occur.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### ACUTE EFFECTS:

##### A: General Product information

Product contains isopropyl alcohol.

##### B: Acute Toxicity

Low order of acute toxicity is possible.

#### CHRONIC EFFECTS: Component

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

**Carcinogenicity:** Not Classifiable as a Human Carcinogen

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

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

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

### SECTION 12: ECOLOGICAL INFORMATION

Mixtures of alcohols are toxic to aquatic life at moderate to low concentrations. No long-term ecological effects are likely. Concentrated solutions of alcohols and surfactants may cause damage to aquatic and terrestrial plants.

### SECTION 13: DISPOSAL CONSIDERATIONS

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

### SECTION 14: TRANSPORTATION INFORMATION

|                             |   |
|-----------------------------|---|
| <b>DOT</b>                  | Not Regulated as Hazardous Material under DOT 49 CFR 172.102 Special Provision 47 |
| <b>Proper Shipping Name</b> | Solids containing Flammable Liquid. n.o.s. (Isopropanol)                          |
| <b>Hazard Class</b>         | 4.1   |
| <b>Packing Group</b>        | II  |
| <b>Description</b>          | Solids Containing Flammable Liquid n.o.s. (Isopropanol)                           |
| <b>UN#</b>                  | UN3175  |



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## SAFETY DATA SHEET

|                             |   |
|-----------------------------|---|
| <b>UN-No.</b>               | UN3175  |
| <b>Proper Shipping Name</b> | Solids Containing Flammable Liquid n.o.s. (Isopropanol) |
| <b>Hazard Class</b>         | 4.1   |
| <b>Packing Group</b>        | II  |
| <b>Description</b>          | Solids Containing Flammable Liquid n.o.s. (Isopropanol) |

**IATA** Not Regulated as Hazardous Material under IATA Sec. 4.4 Special Provision A46

|                             |   |
|-----------------------------|---|
| <b>UN-No.</b>               | UN3175  |
| <b>Proper Shipping Name</b> | Solids Containing Flammable Liquid n.o.s. (Isopropanol) |
| <b>Hazard Class</b>         | 4.1   |
| <b>Packing Group</b>        | II  |
| <b>Description</b>          | Solids Containing Flammable Liquid n.o.s. (Isopropanol) |
| <b>Marine Pollutant</b>     | No  |

**IMDG/IMO** Not Regulated as Hazardous Material under IMDG Ch. 3.3 Special Provision 216

|                             |   |
|-----------------------------|---|
| <b>UN-No.</b>               | UN3175  |
| <b>Proper Shipping Name</b> | Solids Containing Flammable Liquid n.o.s. (Isopropanol) |
| <b>Hazard Class</b>         | 4.1   |
| <b>Packing Group</b>        | II  |
| <b>Description</b>          | Solids Containing Flammable Liquid n.o.s. (Isopropanol) |
| <b>Marine Pollutant</b>     | No  |

**Special Provisions Verbiage:** (DOT) Mixtures of solids that are not subject to this subchapter and flammable liquids may be transported under this entry without first applying the classification criteria of Division 4.1, provided there is no free liquid visible at the time the material is loaded or at the time the packaging or transport unit is closed. Except when the liquids are fully absorbed in solid material contained in sealed bags, for single packagings, each packaging must correspond to a design type that has passed a leakproofness test at the Packing Group II level. Small inner packagings consisting of sealed packets and articles containing less than 10 mL of a Class 3 liquid in Packing Group II or III absorbed onto a solid material are not subject to this subchapter provided there is no free liquid in the packet or article. (UN: ARD/RID/ADN) SP216: Mixtures of solids which are not subjects to these Regulations and flammable liquids may be transported under this entry without first applying the classification criteria of Division 4.1, provided there is no free liquid visible at the time the substance is loaded or at the time the packaging or cargo transport unit is closed. Each cargo transport unit shall be leakproof when used as a bulk packaging. Sealed packets and articles containing less than 10 ml of a packing group II or III flammable liquid absorbed into a solid are not subject to these Regulations provided there is no free liquid in the packet or article. SP313: Sealed packets and articles containing less than 10 ml of an environmentally hazardous liquid, absorbed into a solid material but with no free liquid in the packet or article, or containing less than 10 g of an environmentally hazardous solid, are not subject to these Regulations. (IATA) Small inner packagings consisting of sealed packets or articles containing less than 10 mL of a Packing Group II or III flammable liquid absorbed into a solid material are not subject to these Regulations



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## SAFETY DATA SHEET

provided there is no free liquid in the packet or article (IACAO) Mixtures of solids which are not subject to these Instructions and flammable liquids may be transported under this entry without first applying the classification criteria of Division 4.1, providing there is no free liquid visible at the time the substance is packaged and the packaging must pass a leakproofness test at the Packing Group II level. Small inner packagings consisting of sealed packets or articles containing less than 10 mL of a Packing Group II or III flammable liquid absorbed into a solid material are not subject to these Instructions provided there is no free liquid in the packet or articles. (IMDG) Sealed packets containing 10 ml or less of Class 3 flammable liquids in Packing Group II or III which are absorbed into a solid with no free liquid at the time of shipment are not regulated.

### SECTION 15: REGULATORY INFORMATION

#### DOT / USA

#### **Product Description:**

Solid Containing Flammable Liquid n.o.s. (Isopropanol)

### SECTION 16: OTHER INFORMATION

**Issue Date:** 03-26-2014

**Revision Date:** 08-19-2019

#### **Disclaimer:**

The information provided in this SDS is correct and is to the best of our knowledge, at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.



HEALTHCARE BEYOND BURN CARE™

# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: US OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada WHMIS 2015 which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR)

Issuing Date 04-Feb-2019

Revision date 04-Feb-2019

Revision Number 1

## 1. Identification

### Product identifier

**Product Name** Triple Antibiotic First Aid Ointment

### Other means of identification

**Product Code(s)** TA.50.121

**Synonyms** Bacitracin zinc-neomycin sulfate- polymyxin B sulfate ointment

### Recommended use of the chemical and restrictions on use

**Recommended use** To help prevent infection in minor cuts, scrapes, burns

**Restrictions on use** For external use only.

### Details of the supplier of the safety data sheet

#### Manufacturer Address

WaterJel Technologies®  
50 Broad Street  
Carlstadt, NJ 07072  
P: 201-507-8300

### Emergency telephone number

**Emergency Telephone** 800-275-3433 (8:00 am-5:00 pm EST Weekdays)

## 2. Hazard(s) identification

### Classification

Not classified.

### Label elements

#### **Hazard statements**

Not classified.

### Other information

No information available.

### 3. Composition/information on ingredients

#### Substance

Not applicable.

#### Mixture

#### Synonyms

Bacitracin zinc-neomycin sulfate- polymyxin B sulfate ointment.

| Chemical name          | CAS No    | Weight-% | Hazardous Material Information Review Act registry number (HMIRA registry #) | Date HMIRA filed and date exemption granted (if applicable) |
|------------------------|-----------|----------|--|---|
| Petrolatum (USP Grade) | 8009-03-8 | 80-100   | -  | -   |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. First-aid measures

#### Description of first aid measures

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Remove to fresh air.   |
| <b>Eye contact</b>  | Rinse thoroughly with plenty of water, also under the eyelids. |
| <b>Skin contact</b> | Wash skin with soap and water.                                 |
| <b>Ingestion</b>    | Clean mouth with water and drink afterwards plenty of water.   |

#### Most important symptoms and effects, both acute and delayed

**Symptoms** May cause skin irritation in susceptible persons. May cause redness and tearing of the eyes.

#### Indication of any immediate medical attention and special treatment needed

**Note to physicians** Treat symptomatically.

### 5. Fire-fighting measures

|   |  |
|---|--|
| <b>Suitable Extinguishing Media</b>                   | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.                            |
| <b>Unsuitable extinguishing media</b>                 | No information available.  |
| <b>Specific hazards arising from the chemical</b>     | No information available.  |
| <b>Explosion data</b>                                 |  |
| <b>Sensitivity to mechanical impact</b>               | None.  |
| <b>Sensitivity to static discharge</b>                | None.  |
| <b>Special protective equipment for fire-fighters</b> | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment. |

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Ensure adequate ventilation.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## 7. Handling and storage

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

## 8. Exposure controls/personal protection

### Control parameters

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** No special protective equipment required.

**Hand protection** No special protective equipment required.

**Skin and body protection** No special protective equipment required.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

|                |                                     |
|----------------|-------------------------------------|
| Appearance     | Off-white ointment                  |
| Physical state | Solid                               |
| Color          | Off-white                           |
| Odor           | Characteristic: Slightly fatty odor |
| Odor threshold | No information available            |

| <u>Property</u>                        | <u>Values</u>      | <u>Remarks • Method</u> |
|--|--------------------|-------------------------|
| pH                                     | No data available  | None known              |
| Melting point / freezing point         | No data available  | None known              |
| Boiling point / boiling range          | >93 °C / >200 °F   |                         |
| Flash point                            | No data available  | None known              |
| Evaporation rate                       | No data available  | None known              |
| Flammability (solid, gas)              | No data available  | None known              |
| Flammability Limit in Air              |                    | None known              |
| Upper flammability or explosive limits | No data available  |                         |
| Lower flammability or explosive limits | No data available  |                         |
| Vapor pressure                         | No data available  | None known              |
| Vapor density                          | No data available  | None known              |
| Relative density                       | 0.87               | @25°C                   |
| Water solubility                       | Insoluble in water |                         |
| Solubility(ies)                        | No data available  | None known              |
| Partition coefficient                  | No data available  | None known              |
| Autoignition temperature               | No data available  | None known              |
| Decomposition temperature              | No data available  | None known              |
| Kinematic viscosity                    | No data available  | None known              |
| Dynamic viscosity                      | No data available  | None known              |

### Other information

|                      |                           |
|----------------------|---------------------------|
| Explosive properties | No information available. |
| Oxidizing properties | No information available. |
| Softening point      | No information available  |
| Molecular weight     | No information available  |
| VOC Content (%)      | No information available  |
| Liquid Density       | No information available  |
| Bulk density         | No information available  |

## 10. Stability and reactivity

|                                    |   |
|------------------------------------|---|
| Reactivity                         | No information available.                 |
| Chemical stability                 | Stable under normal conditions.           |
| Possibility of hazardous reactions | None under normal processing.             |
| Conditions to avoid                | None known based on information supplied. |
| Incompatible materials             | None known based on information supplied. |
| Hazardous decomposition products   | None known based on information supplied. |

## 11. Toxicological information

**Information on likely routes of exposure**

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Specific test data for the substance or mixture is not available. May cause irritation.   |
| <b>Eye contact</b>  | Specific test data for the substance or mixture is not available. May cause eye irritation with susceptible persons.                  |
| <b>Skin contact</b> | Specific test data for the substance or mixture is not available. May be harmful in contact with skin. Causes mild skin irritation.   |
| <b>Ingestion</b>    | Specific test data for the substance or mixture is not available. May cause gastrointestinal discomfort if consumed in large amounts. |

**Symptoms related to the physical, chemical and toxicological characteristics**

|                 |  |
|-----------------|--|
| <b>Symptoms</b> | May cause skin irritation in susceptible persons. May cause redness and tearing of the eyes. |
|-----------------|--|

**Acute toxicity****Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (dermal) 3,640.80 mg/kg

**Component Information**

| Chemical name          | Oral LD50 | Dermal LD50             | Inhalation LC50 |
|------------------------|-----------|-------------------------|-----------------|
| Petrolatum (USP Grade) |           | = 3600 mg/kg ( Rabbit ) |                 |

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

|  |   |
|--|---|
| <b>Skin corrosion/irritation</b>         | May cause mild to moderate irritation.                            |
| <b>Serious eye damage/eye irritation</b> | May cause mild to moderate irritation.                            |
| <b>Respiratory or skin sensitization</b> | Not expected to be sensitizer.                                    |
| <b>Germ cell mutagenicity</b>            | Based on available data, the classification criteria are not met. |
| <b>Carcinogenicity</b>                   | No information available.   |
| <b>Reproductive toxicity</b>             | Based on available data, the classification criteria are not met. |
| <b>STOT - single exposure</b>            | No information available.   |
| <b>STOT - repeated exposure</b>          | No information available.   |
| <b>Aspiration hazard</b>                 | No information available.   |

**12. Ecological information**

|                                      |   |
|--------------------------------------|---|
| <b>Ecotoxicity</b>                   | The environmental impact of this product has not been fully investigated. |
| <b>Persistence and degradability</b> | No information available.   |
| <b>Bioaccumulation</b>               | No information available.   |

|                              |                           |
|------------------------------|---------------------------|
| <b>Mobility in soil</b>      | No information available. |
| <b>Mobility</b>              | No information available. |
| <b>Other adverse effects</b> | No information available. |

### 13. Disposal considerations

#### Waste treatment methods

|  |   |
|--|---|
| <b>Waste from residues/unused products</b> | Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. |
| <b>Contaminated packaging</b>              | Do not reuse empty containers.  |

### 14. Transport information

|                    |               |
|--------------------|---------------|
| <b><u>DOT</u></b>  | Not regulated |
| <b><u>TDG</u></b>  | Not regulated |
| <b><u>MEX</u></b>  | Not regulated |
| <b><u>IATA</u></b> | Not regulated |
| <b><u>IMDG</u></b> | Not regulated |

### 15. Regulatory information

#### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International Regulations

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

#### International Inventories

|                      |   |
|----------------------|---|
| <b>TSCA</b>          | Contact supplier for inventory compliance status. |
| <b>DSL/NDSL</b>      | Contact supplier for inventory compliance status. |
| <b>EINECS/ELINCS</b> | Contact supplier for inventory compliance status. |
| <b>ENCS</b>          | Contact supplier for inventory compliance status. |
| <b>IECSC</b>         | Contact supplier for inventory compliance status. |
| <b>KECL</b>          | Contact supplier for inventory compliance status. |
| <b>PICCS</b>         | Contact supplier for inventory compliance status. |
| <b>AICS</b>          | Contact supplier for inventory compliance status. |

#### **Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### **SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

### U.S. State Right-to-Know Regulations

#### **US State Regulations**

| Chemical name                | New Jersey | Massachusetts | Pennsylvania |
|------------------------------|------------|---------------|--------------|
| Bacitracin zinc<br>1405-89-6 | X          | -             | X            |

### U.S. EPA Label Information

**EPA Pesticide Registration Number** Not applicable

## **16. Other information**

|             |                         |                       |                           |   |
|-------------|-------------------------|-----------------------|---------------------------|---|
| <b>NFPA</b> | <b>Health hazards</b> 0 | <b>Flammability</b> 0 | <b>Instability</b> 0      | <b>Physical and chemical properties</b> - |
| <b>HMIS</b> | <b>Health hazards</b> 0 | <b>Flammability</b> 0 | <b>Physical hazards</b> 0 | <b>Personal protection</b> X              |

### **Key or legend to abbreviations and acronyms used in the safety data sheet**

#### Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

|         |                             |      |                                  |
|---------|-----------------------------|------|----------------------------------|
| TWA     | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value         | *    | Skin designation                 |

**Key literature references and sources for data used to compile the SDS**

U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
EPA (Environmental Protection Agency)  
Acute Exposure Guideline Level(s) (AEGL(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
Japan GHS Classification  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
RTECS (Registry of Toxic Effects of Chemical Substances)  
World Health Organization

**Issuing Date** 04-Feb-2019

**Revision date** 04-Feb-2019

**Revision Note** Initial Release.

**Disclaimer**

**The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.**

**End of Safety Data Sheet**



## Safety Data Sheet (SDS)

No.: SP18030303

Date: 2018-03-29

Page 1 of 9

Name: Instant cold pack

### SAFETY DATA SHEETS For Instant cold pack

Samples Name: Instant cold pack

**Client Name:** Rapid Aid Corp.

**Client Address:** 4120A Sladeview Crescent, Mississauga Ontario, Canada L5L 5Z3

A handwritten signature in black ink that reads "Owen Huang".

HUANG Qinglai, Owen  
For and on behalf of  
STC(Shanghai) Company Limited



**STC (Shanghai) Company Limited**

No.130, Huashen Road, Waigaoqiao Free Trade Zone, Shanghai, China (Zip code: 200131)

Tel: (86 21) 52198248 Fax: (86 21) 52198249 Homepage:www.shstc.org Email:shstc@shstc.org

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## Safety Data Sheet (SDS)

No.: SP18030303

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Name: Instant cold pack

### Safety Data Sheet(SDS)

Complies with 91/155/EEC, 1907/2006 (REACH) and amendments, OSHA's Hazard Communication Standard, 29 CFR 1910.1200; and the requirements of the U.S. Department of Labor Occupational Safety & Health Administration.

#### **Regulatory Status:**

This preparation is not classified as dangerous according to U.S. OSHA 29 CFR 1910.1200; E.C. Directive 1999/45/EC; Canadian R.S. 1985, c. H-3; U.K. CHIP 2002 No. 1689; and/or U.N. GHS ST/SG/AC 10/30.

None of the components present in this preparation at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

### **SECTION 1: PRODUCT IDENTIFICATION**

#### **1.1 Product identifier:**

Instant cold pack

#### **1.2 Recommended use and restrictions on use:**

Recommended use:

Cold application for cold therapy

#### **1.3 Supplier's details:**

Manufacturer: Rapid Aid Corp.

Address: 4120A Sladeview Crescent, Mississauga Ontario, Canada L5L 5Z3

Telephone: 905 820 4788

### **SECTION 2: HAZARD IDENTIFICATION**

#### **CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:**

The product is not classified as dangerous according to U.S. OSHA 29 CFR 1910.1200; E.C. Directive 1999/45/EC; Canadian R.S. 1985, c. H-3; U.K. CHIP 2002 No. 1689; and/or U.N. GHS ST/SG/AC 10/30.

**GHS LABEL ELEMENTS:** The substance is classified and labeled according to the Globally Harmonized System (GHS).

#### **HAZARD PICTOGRAMS & SIGNAL WORD**

This product is not a hazardous article and need not be labelled

#### **HAZARD-DETERMINING COMPONENTS OF LABELING:**

None

#### **HAZARD STATEMENTS:**

None

#### **PRECAUTIONARY STATEMENTS:**

##### **Prevention**

None

##### **Response**

None

##### **Storage**

None

##### **Disposal**

None.

#### **STC (Shanghai) Company Limited**

No.130, Huashen Road, Waigaoqiao Free Trade Zone, Shanghai, China (Zip code: 200131)

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## Safety Data Sheet (SDS)

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Name: Instant cold pack

**CLASSIFICATION SYSTEM: NFPA DEFINITIONS: 0-LEAST, 1-SLIGHT, 2-MODERATE, 3-HIGH, 4-EXTREEM**

NFPA RATING DIAMOND (SCALE 0-4):

HEALTH=2

FIRE=0

REACTIVITY=0

**HMIS-RATINGS (SCALE 0-4):**

**HEALTH** : 2

**FIRE** : 0

**REACTIVITY** : 0

### SECTION 3: COMPOSITION INFORMATION

**COMPOSITION:** *Mixture consisting of the following components*

| IUPAC | Concentration (weight percent, %) | MOLECULAR FORMULA                | IDENTIFIERS    |
|-------|-----------------------------------|----------------------------------|----------------|
| Water | 40-60                             | H <sub>2</sub> O                 | CAS: 7732-18-5 |
| Urea  | 40-60                             | CH <sub>4</sub> N <sub>2</sub> O | CAS: 57-13-6   |

### SECTION 4: FIRST AID MEASURES

#### DESCRIPTION OF FIRST AID MEASURES

**GENERAL INFORMATION:** If medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.

**PRIMARY TOUTES OF ENTRY:** Eye and skin contact; ingestion; inhalation.

**AFTER INHALATION:** Move victim into fresh air. If breathing is difficult, give oxygen. Do not use mouth to mouth resuscitation if victim ingested or inhaled the substance.

**AFTER SKIN CONTACT:** Take off contaminated clothing and shoes. Wash off with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.

**AFTER EYE CONTACT:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.

**AFTER SWALLOWING:** Rinse mouth with plenty of water , Make victim drink plenty of water. Do not induce vomiting.

#### MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

No information available

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### SECTION 5: FIRE & EXPLOSION HAZARD DATA

**GENERAL INFORMATION:** Non flammable liquid

**FLASH POINT:** No information available

**AUTOIGNITION TEMPERATURE:** No information available

**EXTINGUISHING MEDIA:** Dry chemical, carbon dioxide, alcohol-resistant foam

**SPECIAL FIRE FIGHTING PROCEDURES:** NONE

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Combustion of vapor and liquid may produce carbon monoxide, carbon dioxide and other hazardous gases.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, nitrogen oxide

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

- 1、 Remove all sources of ignition. Ensure adequate ventilation. Take precautionary measures against static discharges.
- 2、 Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment. Avoid breathing vapors and contacting with skin and eyes.
- 3、 Wear protective clothing, gloves, safety glasses and dust respirator.

#### SPILL AND LEAK PROCEDURES:

- 1、 Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.
- 2、 Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding.
- 3、 Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

#### ENVIRONMENTAL PRECAUTIONS:

- 1、 Prevent further leakage or spillage if safe to do so.
- 2、 Do not let product enter drains.

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### SECTION 7: HANDLING & STORAGE

#### PRECAUTIONS FOR SAFE HANDLING & STORAGE:

##### Protective measures

Handling is performed in a well ventilated place.

Wear suitable protective equipment.

Avoid contact with skin and eyes. Avoid inhalation of vapors or mist.

##### Measures to prevent fire

Keep away from heat/sparks/open flames/ hot surfaces.

Take precautionary measures against static discharges.

##### Measures to prevent aerosol and dust generation

Not applicable

#### OTHER PRECAUTIONS:

Wash hands and face after using of the substances

Replace the contaminated clothing immediately.

In addition to use mentioned in the first parts , unforeseen other specific end uses

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**RESPIRATORY PROTECTION:** Use appropriate respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. Recommended Filter type: low boiling organic solvent, Type AX, Brown, conforming to EN371.

**EYE PROTECTION:** Tightly fitting safety goggles (approved by EN 166(EU) or NIOSH (US)).

**SKIN PROTECTION:** Wear protective clothing.

**ENGINEERING CONTROLS:** Ensure adequate ventilation, especially in confined areas.  
Ensure that eyewash stations and safety showers are close to the workstation location.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** None

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### SECTION 9: PHYSICAL/CHEMICAL CHARACTERISTICS

|   |                          |
|---|--------------------------|
| <b>pH:</b>                                    | Not applicable           |
| <b>Boiling Point:</b>                         | No information available |
| <b>Freezing Point:</b>                        | No information available |
| <b>Specific Gravity (H<sub>2</sub>O = 1):</b> | No information available |
| <b>Vapor Pressure (mm Hg):</b>                | No information available |
| <b>Vapor Density (AIR = 1):</b>               | No information available |
| <b>Evaporation Rate (Butyl Acetate = 1):</b>  | No information available |
| <b>Solubility in Water:</b>                   | Soluble in water         |
| <b>Appearance and Odor:</b>                   | Granules and liquid      |

### SECTION 10: STABILITY AND REACTIVITY

**STABILITY:** Stable under proper operation and storage conditions

**CONDITIONS TO AVOID:** Melts and decomposes when strongly heated

**INCOMPATIBILITY (MATERIAL TO AVOID):** Strong base , Strong acid

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Carbon monoxide, nitrogen oxide

**HAZARDOUS POLYMERIZATION:** No polymerization

### SECTION 11: TOXICOLOGICAL INFORMATION

**PRECAUTIONARY STATEMENTS:** If medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.

#### **POTENTIAL HEALTH EFFECTS:**

|               |                           |
|---------------|---------------------------|
| INHALATION    | No information available. |
| EYE           | No information available. |
| SKIN          | No information available. |
| INGESTION     | No information available. |
| TARGET ORGANS | No information available. |

**PRIMARY ROUTES OF EXPOSURE** Percutaneous、Inhalation

**POTENTIAL EFFECTS OF CHRONIC EXPOSURE** No information available.

**IRRITATION/SENSITIZATION** Based on available data, the classification criteria are not met.

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**TERATOGENICITY** Based on available data, the classification criteria are not met.

**MUTAGENICITY** Based on available data, the classification criteria are not met.

**REPRODUCTIVE TOXICITY** Based on available data, the classification criteria are not met.

### SECTION 12: ECOLOGICAL INFORMATION

**ECOTOXICITY:** No information available.

**BIODEGRADABILITY:** No information available.

**BIOACCUMULATION:** No information available.

**MOBILITY:** No information available.

**OTHER ADVERSE EFFECTS:** Urea does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.

### SECTION 13: DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Before disposal should refer to the relevant national and local laws and regulation.

### SECTION 14: TRANSPORT INFORMATION

#### UN NUMBER

DOT, ADR, IMDG, IATA: Not applicable

#### UN PROPER SHIPPING NAME

DOT: Not applicable

ADR: Not applicable

IMDG, IATA: Not applicable

#### TRANSPORT HAZARD CLASS(ES)

The product is not classified as dangerous according to DOT, ADR, IMDG, IATA

HAZARD LABEL: Not applicable

DOT CLASS : Not applicable

LABEL: Not applicable

ADR CLASS : Not applicable

LABEL: Not applicable

IMDG, IATA CLASS: Not applicable

LABEL: Not applicable

PACKING GROUP: Not applicable

PACKING INSTRUCTION: Not applicable

SPECIAL PROVISIONS: Not applicable

IMDG LIMITED QUANTITY (LQ): Not applicable

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EXCEPTED QUANTITIES (EQ): Not applicable

UN MODEL REGULATION:TDG (18th)

ORM-D: Not applicable

### SECTION 15: REGULATORY INFORMATION

#### US FEDERAL REGULATIONS:

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TSCA (TOXIC SUBSTANCE CONTROL ACT): Not listed

CERCLA/SARA - HAZARDOUS SUBSTANCES AND THEIR REPORTABLE

QUANTITIES: Not listed

302 EXTREMELY HAZARDOUS SUBSTANCES EPCRA RQS: Not listed

302EXTREMELY HAZARDOUS SUBSTANCES TPQS: Not listed

CERCLA/SARA - 313 - EMISSION REPORTING: Not listed

#### US STATE REGULATIONS:

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CALIFORNIA - 8 CCR SECTION 339 - DIRECTOR'S LIST OF HAZARDOUS

SUBSTANCES: Not listed

#### INTERNATIONAL REGULATIONS:

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WATER HAZARD CLASS (GERMANY): Not listed

CANADA

DOMESTIC SUBSTANCES LIST (DSL): Not listed

WHMIS - INGREDIENT DISCLOSURE LIST: Not listed

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### SECTION 16: OTHER INFORMATION

**Date of Preparation/Last Revision:** 3/29/18

**FURTHER INFORMATION:** This SDS has been prepared in accordance with: 91/155/EEC, 1907/2006 (REACH) and amendments, OSHA's Hazard Communication Standard, 29 CFR 1910.1200; and the requirements of the U.S. Department of Labor Occupational Safety & Health Administration.

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\*\*\*\*\* End of Test Report \*\*\*\*\*

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