



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 08-Mar-2019

Revision Date 10-Jun-2022

Revision Number 1.2

1. Identification

Product identifier

Product Name Hand Sanitizer

Other means of identification

Product Code(s) 910042.00.006

UN/ID no UN1170

Synonyms Instant Hand Sanitizer Antiseptic Gel with Vitamin E & Aloe

Recommended use of the chemical and restrictions on use

Recommended use Hand sanitizer

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

| | |
|-------------------|------------|
| Flammable liquids | Category 2 |
|-------------------|------------|

Label elements

Danger

Hazard statements

Highly flammable liquid and vapor

**Precautionary Statements - Prevention**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/eye protection/face protection.

Precautionary Statements - Response**Skin**

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

Fire

In case of fire: Use CO₂, dry chemical, or foam to extinguish.

Precautionary Statements - Storage

Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant.

Other information

No information available.

3. Composition/information on ingredients

Substance

Not applicable.

Mixture**Synonyms**

Instant Hand Sanitizer Antiseptic Gel with Vitamin E & Aloe.

| Chemical name | CAS No. | Weight-% | Hazardous Material Information Review Act registry number (HMIRA registry #) | Date HMIRA filed and date exemption granted (if applicable) |
|---------------|---------|----------|--|---|
| Ethyl alcohol | 64-17-5 | 45-70 | - | - |

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

4. First-aid measures

Description of first aid measures**Inhalation**

Remove to fresh air.

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.

Skin contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

| | |
|---|---|
| Ingestion | Clean mouth with water and drink afterwards plenty of water. |
| Self-protection of the first aider | Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. |

Most important symptoms and effects, both acute and delayed

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

Indication of any immediate medical attention and special treatment needed

| | |
|---------------------------|------------------------|
| Note to physicians | Treat symptomatically. |
|---------------------------|------------------------|

5. Fire-fighting measures

| | |
|---|---|
| Suitable Extinguishing Media | Dry chemical. Carbon dioxide (CO ₂). Water spray. Alcohol resistant foam. |
| Unsuitable extinguishing media | CAUTION: Use of water spray when fighting fire may be inefficient. |
| Specific hazards arising from the chemical | Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |
| Explosion data | |
| Sensitivity to mechanical impact | None. |
| Sensitivity to static discharge | Yes. |
| Special protective equipment for fire-fighters | 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 | Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. |
| Other information | Ventilate the area. |

Methods and material for containment and cleaning up

| | |
|--------------------------------|---|
| Methods for containment | Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. |
| Methods for cleaning up | Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. |

7. Handling and storage

Precautions for safe handling

Advice on safe handling

Use personal protection equipment. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

8. Exposure controls/personal protection

Control parameters

Exposure Limits

| Chemical name | ACGIH TLV | OSHA PEL | | NIOSH |
|--------------------------|--|--|----------------|--|
| Ethyl alcohol 64-17-5 | STEL: 1000 ppm | TWA: 1000 ppm TWA: 1900 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³ | | IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m ³ |
| Chemical name | Alberta | British Columbia | Ontario | Quebec |
| Ethyl alcohol 64-17-5 | TWA: 1000 ppm TWA: 1880 mg/m ³ | STEL: 1000 ppm | STEL: 1000 ppm | TWA: 1000 ppm TWA: 1880 mg/m ³ |

Appropriate engineering controls

Engineering controls

Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection

Tight sealing safety goggles.

Hand protection

Wear suitable gloves. Impervious gloves.

Skin and body protection

Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.

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

Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is

recommended. Wash hands before breaks and immediately after handling the product.

9. Physical and chemical properties

Information on basic physical and chemical properties

| | |
|----------------|--------------------------|
| Appearance | Translucent liquid |
| Physical state | Liquid |
| Color | Clear to semi-clear |
| Odor | Characteristic |
| Odor threshold | No information available |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|--|--------------------|-------------------------|
| pH | 6.9 - 7.3 | @ 25 °C |
| Melting point / freezing point | No data available | None known |
| Boiling point / boiling range | 79.4 °C / 174.9 °F | |
| Flash point | 22.2 °C 72 °F | CC (closed cup) |
| 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 - 0.91 | @25°C |
| Water solubility | Soluble 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 | None under normal use conditions. |
| Chemical stability | Stable under normal conditions. |
| Possibility of hazardous reactions | None under normal processing. |
| Conditions to avoid | Heat, flames and sparks. |
| 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

| | |
|---------------------|---|
| Inhalation | Specific test data for the substance or mixture is not available. Vapors may be irritating to eyes, nose, throat, and lungs. |
| Eye contact | Specific test data for the substance or mixture is not available. May cause redness, itching, and pain. |
| Skin contact | Specific test data for the substance or mixture is not available. May cause irritation. |
| Ingestion | 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

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

Acute toxicity**Numerical measures of toxicity**

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

| | |
|--------------------------------------|-----------------|
| ATEmix (oral) | 10,844.90 mg/kg |
| ATEmix (inhalation-dust/mist) | 191.60 mg/l |

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---------------|----------------------|-------------|--------------------------|
| Ethyl alcohol | = 7060 mg/kg (Rat) | - | = 124.7 mg/L (Rat) 4 h |

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

| | |
|--|--|
| Skin corrosion/irritation | May cause mild to moderate irritation. |
| Serious eye damage/eye irritation | May cause mild to moderate irritation. |
| Respiratory or skin sensitization | No information available. |
| Germ cell mutagenicity | No information available. |
| Carcinogenicity | Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage. |

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

| Chemical name | ACGIH | IARC | NTP | OSHA |
|--------------------------|-------|---------|-------|------|
| Ethyl alcohol 64-17-5 | A3 | Group 1 | Known | X |

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

| | |
|---------------------------------|--|
| Reproductive toxicity | No information available. |
| STOT - single exposure | No information available. |
| STOT - repeated exposure | No information available. |
| Target organ effects | liver, Respiratory system, Eyes, Skin, Central nervous system, blood, Reproductive System. |
| Aspiration hazard | No information available. |

12. Ecological information

Ecotoxicity

| Chemical name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|--------------------------|----------------------|---|----------------------------|---|
| Ethyl alcohol 64-17-5 | - | LC50: 12.0 - 16.0mL/L (96h, Oncorhynchus mykiss) LC50: 13400 - 15100mg/L (96h, Pimephales promelas) LC50: >100mg/L (96h, Pimephales promelas) | - | LC50: 9268 - 14221mg/L (48h, Daphnia magna) EC50: =2mg/L (48h, Daphnia magna) |

Persistence and degradability No information available.

Bioaccumulation There is no data for this product.

Component Information

| Chemical name | Partition coefficient |
|--------------------------|-----------------------|
| Ethyl alcohol 64-17-5 | -0.32 |

Mobility in soil No information available.

Mobility No information available.

Other adverse effects No information available.

13. Disposal considerations

Waste treatment methods

Waste from residues/unused products Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

US EPA Waste Number D001.

California Hazardous Waste Status This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical name | California Hazardous Waste Status |
|---------------|-----------------------------------|
| Ethyl alcohol | Toxic |

64-17-5

Ignitable

14. Transport information

DOT

| | |
|---------------------------------|---------------------------------|
| UN/ID no | UN1170 |
| Proper shipping name | ETHANOL SOLUTION |
| Hazard class | 3 |
| Packing group | II |
| Special Provisions | 24, IB2, T4, TP1 |
| Description | UN1170, ETHANOL SOLUTION, 3, II |
| Emergency Response Guide Number | 127 |

TDG

| | |
|----------------------|---------------------------------|
| UN/ID no | UN1170 |
| Proper shipping name | ETHANOL SOLUTION |
| Hazard class | 3 |
| Packing group | II |
| Special Provisions | 150 |
| Description | UN1170, ETHANOL SOLUTION, 3, II |

MEX

| | |
|----------------------|---------------------------------|
| UN/ID no | UN1170 |
| Proper shipping name | ETHANOL SOLUTION |
| Hazard class | 3 |
| Special Provisions | 144 |
| Packing group | II |
| Description | UN1170, ETHANOL SOLUTION, 3, II |

IATA

| | |
|----------------------------|---------------------------------|
| UN number | UN1170 |
| UN proper shipping name | Ethanol solution |
| Transport hazard class(es) | 3 |
| Packing group | II |
| ERG Code | 3L |
| Special Provisions | A180, A3, A58 |
| Description | UN1170, Ethanol solution, 3, II |

IMDG

| | |
|----------------------------|--|
| UN number | UN1170 |
| UN proper shipping name | ETHANOL SOLUTION |
| Transport hazard class(es) | 3 |
| Packing group | II |
| EmS-No | F-E, S-D |
| Special Provisions | 144 |
| Description | UN1170, ETHANOL SOLUTION, 3, II, (22.2°C C.C.) |

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**TSCA**

Contact supplier for inventory compliance status.

DSL/NDSL

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**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.

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**

Ethyl alcohol is only considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

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

| Chemical name | New Jersey | Massachusetts | Pennsylvania |
|-----------------------------|------------|---------------|--------------|
| Ethyl alcohol 64-17-5 | X | X | X |
| Propane-1,2-diol 57-55-6 | X | - | X |

U.S. EPA Label Information**EPA Pesticide Registration Number** Not applicable**16. Other information****NFPA**

Health hazards 1

Flammability 3

Instability 0

Physical and chemical
properties -**HMIS**

Health hazards 2

Flammability 3

Physical hazards 0

Personal protection 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
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
 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
 World Health Organization

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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



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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Identifier #013

Product Name Neomycin Antibiotic Ointment

Product Use Topical Antibiotic Ointment

Manufacturer Water Jel Technologies LLC
50 Broad Street
Carlstadt, New Jersey 07072

Telephone 201-507-8300

E-mail Address www.waterjel.com

Emergency Telephone 1-800-275-3433

FAX Number 201-507-8325

Issue Date: 08-25-2015

SECTION 2: HAZARDS IDENTIFICATION

Emergency Overview:

This product is regulated by the US FDA as an over-the-counter, monograph drug.

For Consumers, consult the Drug Facts on the package for use directions and warnings information.

Warnings: For External Use Only.

When using this product, avoid contact with the eyes.

Do not use on large areas of the body or on broken, blistered or oozing skin.

Do not use if you are allergic to any of the ingredients.

Stop use and ask a doctor if condition worsens or symptoms persist for more than 7 days.

If swallowed, get medical help or contact a Poison Control Center immediately.

Physical Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012.

Health Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012.

Environmental Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012.

OSHA Defined Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012.

Label Elements:

Hazard Symbol: None

Signal Word: None

Hazard Statement: The mixture does not meet the criteria for classification.

Precautionary Statement:

Prevention None required according to OSHA Hazcom 2012.

Response None required according to OSHA Hazcom 2012.

Storage None required according to OSHA Hazcom 2012.

Disposal None required according to OSHA Hazcom 2012.

Hazards not otherwise

Classified (HNOC): None known.

Supplemental Information: None.



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Route of Entry:

Skin Contact: May cause irritation, redness, inflammation or dryness.
Skin Absorption: No adverse conditions expected.
Eye Contact: Direct contact with eyes may cause temporary irritation.
Inhalation: Not expected due to form.
Ingestion: May cause irritation of the digestive tract.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

| Chemical Name | Common Name and Synonyms | CAS Number | % |
|------------------|--------------------------|------------|-------------|
| Neomycin Sulfate | | 1405-10-3 | Proprietary |
| Petrolatum | | 8009-03-8 | Proprietary |

SECTION 4: FIRST AID MEASURES

Skin Contact: Wash off with warm water and soap. Get medical attention if symptoms occur.
Skin Absorption: No adverse conditions expected.
Eye Contact: Flush eyes with clear running water for a minimum of 15 minutes; if irritation persists, seek medical attention.
Inhalation: Remove victim to fresh air.
Ingestion: Do not induce vomiting due to aspiration hazard. If vomiting should occur, lower head below knees to avoid aspiration.

SECTION 5: FIRE-FIGHTING MEASURES

Flammable: No
Means of Extinction: Use extinguishing media appropriate for surrounding fire. Use water spray, foam or dry chemical.
In fires involving large quantities of this product, the use of large streams of water should be avoided.
Use self-contained breathing apparatus when fighting fires that involve this material.
Flash Point and Method: NA
Upper Flammable Limit (% by volume): NA
Lower Flammable Limit (% by volume): NA
Autoignition Temperature (°C): NA
Explosion Data – Sensitivity to Impact: No unusual fire or explosion hazards noted.
Explosion Data – Sensitivity to Static Discharge: No unusual fire or explosion hazards noted.
Hazardous Combustion Products: Carbon oxides. Nitrogen Oxides (NOx).

NFPA Health 0 Fire 1 Reactivity 0 Other NA

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SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions,
Protective equipment and
Emergency procedures:** **Wear appropriate personal protective equipment.**

**Methods and materials
for containment
and clean up:** **Absorb spill with vermiculite or other inert material, then place in a sealed container for
chemical waste.**

Large Spills: Flush with plenty of water. Prevent entry into waterways, sewer, basements or
confined areas. Dike for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to
remove residual contamination.

Environmental Precautions: **Avoid discharge into drains and water sources.**

SECTION 7: HANDLING AND STORAGE

Handling Procedures and Equipment: **Keep this and other chemicals out of the reach of children.**

Storage Temperature: **Do not store or mix with strong acids or oxidizers. Store at room
temperature.**

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

| Components | ACGIH-TLVs | OSHA-PELs | NIOSH | Form |
|-----------------------------------|-------------------|------------------|--------------------|-------------|
| Petrolatum (CAS 8009-03-8) | 5 mg/m3 | 5 mg/m3 | 5 mg/m3 TWA | Mist |

Biological Limit Values: **No biological Exposure limits noted for the ingredients.**

Ventilation and Engineering Controls: **Ensure adequate ventilation.**

Personal Protective Equipment: **None required under normal conditions**
Hand Protection: **None required under normal conditions.**
Eye and Face Protection: **Eye protection, as necessary to prevent excessive contact.**
Skin Protection: **None required under normal conditions.**

General Hygiene Considerations: **Practice safe work habits.**
Other Protective Equipment: **Eye wash stations should be nearby and ready to use.**

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Ointment.
Physical State: Ointment.
Form: Ointment.
Color: White to off white.
Odor: Slightly fatty odor.

pH: No information available.
Boiling Point: >200°F closed cup
Melting Point: No information available.
Flash Point: N/A
Explosive Properties: No information available.
Oxidizing Properties: No information available.
Specific Gravity: 0.87
Water Solubility: Insoluble.
Partition Coefficient: No information available.
Viscosity: No information available.
Vapor Pressure (mm Hg): No information available.
Vapor Density (Air=1): No information available.
Evaporation Rate: No information available.
% Volatile: No information available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: The product is stable and non-reactive under normal conditions of use.
Chemical Stability: Stable at normal conditions.
Possibility of Hazardous Reactions: Hazardous polymerization does not occur.
Conditions to Avoid: Extreme heat.
Materials to Avoid: Strong oxidants and strong acids.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.
Hazardous Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Symptoms of Overexposure by Route of Exposure:
The health hazard information provided is for handling this product in an occupational setting.

Effects of Acute and Chronic Exposure:

Acute: The primary health effect that may be experienced in an occupational setting is mild irritation of contaminated skin. Accidental ingestion may be harmful. Although unlikely, irritation can irritate the respiratory system. Eye contact will cause irritation.

Chronic: NE

Target Organs: **Acute:** Occupational exposure: Skin.
Chronic: Occupational exposure: Skin.

Inhalation:

Mist may slightly irritate the nose, throat and lungs. Symptoms are generally alleviated upon breathing fresh air.



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Skin Contact:

Skin contact may cause burning sensation, stinging, itching and tingling.

Eye Contact:

Eye contact can cause irritation, stinging, redness and tearing.

Ingestion:

Ingestion is not a significant route of occupational overexposure. Acute ingestion of large quantities of this product or chronic ingestion may cause adverse symptoms that may include nausea, vomiting and diarrhea.

Irritancy of the Product:

This product may cause mild to moderate irritation on damaged skin.

Skin Sensitization:

Not expected.

Respiratory Sensitization:

Not expected.

LD50/LC50:

Petrolatum (CAS 8009-03-8)

- Oral: Not available.
- Dermal: Not available.

Carcinogenicity: Not classified as a human carcinogen by IARC or ACGIH.

Reproductive Toxicity:

Mutagenic/Embryo Toxicity: The components of this product are not reported to cause mutagenic or embryonic effects in humans.

Teratogenicity: Not available.

Reproductive Toxicity: This product is not expected to cause reproductive effects.

SECTION 12: ECOLOGICAL INFORMATION

No specific information is currently available on the effect of this product on plants or animals in the environment. The product may be harmful to contaminated terrestrial and aquatic plant life in large quantities. The following aquatic toxicity data currently available for components of this product:

Not expected to be harmful to aquatic organisms.

Environmental Exposure Controls: Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways.

No component of this product is known to have ozone depletion potential.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Instructions: Collect or dispose in sealed containers at licensed waste disposal site.
Dispose in accordance with local, state and federal regulations.



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SECTION 14: TRANSPORT INFORMATION

DOT Classification: Not regulated for Domestic Transport.
IATA Classification: Not regulated for International Transport.
IMDG Classification: Not regulated for International Water Transport.

SECTION 15: REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA (TOXIC SUBSTANCE CONTROL ACT): Not regulated.
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not listed.
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT) 304: Not regulated.
SARA 311/312 HAZARD CATEGORIES: Not regulated.
SARA 313 REPORTABLE INGREDIENTS: Not listed.

STATE REGULATIONS:

California Prop 65:
Warning: This product does contain a chemical known to the State of California to cause cancer, birth, or any other reproductive defects.
Neomycin Sulfate USP (CAS 1405-10-3) – internal use only – listed October 1, 1992

New Jersey RTK:
Not listed.

Massachusetts RTK:
Petrolatum (CAS 8009-03-8)

Pennsylvania RTK:
Petrolatum (CAS 8009-03-8)

INTERNATIONAL REGULATIONS:

| <u>Country or Region</u> | <u>Inventory Name</u> | <u>Listed</u> |
|-----------------------------|---|---------------|
| Australia | Australia Inventory of Chemical Substances | Yes |
| Canada | Domestic Substance List (DSL) | No |
| Canada | Non-Domestic Substance List (NDSL) | Yes |
| China: | Inventory of Existing Chemical Substances In China (IECSC) | No |
| Europe | European List of Notified Chemical Substances (EINECS) | Yes |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | No |
| Korea | Existing Chemicals List (ECL) | Yes |
| New Zealand | New Zealand Inventory | Yes |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | Yes |
| United States & Puerto Rico | Toxic Substance Control Act (TSCA) Inventory | No |

Note: A "Yes" indicates that all components comply with the inventory requirements administered by the governing country.
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country.



SAFETY DATA SHEET

SECTION 16: OTHER INFORMATION

Issue Date: 08-25-2015

Version: 02

Disclaimer:

The information provided in this Safety Data Sheet (SDS) is accurate to the best of our knowledge. 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 processes.



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Identifier #007
Product Name First Aid Burn Cream
Product Use Topical Antiseptic and Analgesic Skin Cream
Manufacturer Water Jel Technologies LLC
50 Broad Street
Carlstadt, New Jersey 07072
Telephone 201-507-8300
E-mail Address www.waterjel.com
Emergency Telephone 1-800-275-3433
FAX Number 201-507-8325

Issue Date: 08-25-2015

SECTION 2: HAZARDS IDENTIFICATION

Emergency Overview:

This product is regulated by the US FDA as an over-the-counter, monograph drug.

For Consumers, consult the Drug Facts on the package for use directions and warnings information.

Warnings: For External Use Only.

When using this product, avoid contact with the eyes.

Do not use on large areas of the body or on broken, blistered or oozing skin.

Stop use and ask a doctor if condition worsens or symptoms persist for more than 7 days.

If swallowed, get medical help or contact a Poison Control Center immediately.

Physical Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012.
Health Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012.
Environmental Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012.
OSHA Defined Hazards: This mixture does not meet the classification criteria according to OSHA Hazcom 2012.

Label Elements:

Hazard Symbol: None

Signal Word: None

Hazard Statement: The mixture does not meet the criteria for classification.

Precautionary Statement:

Prevention None required according to OSHA Hazcom 2012.
Response None required according to OSHA Hazcom 2012.
Storage None required according to OSHA Hazcom 2012.
Disposal None required according to OSHA Hazcom 2012.

Hazards not otherwise

Classified (HNOC): None known.

Supplemental Information: None.



SAFETY DATA SHEET

Route of Entry:

Skin Contact: May cause irritation, redness, inflammation or dryness.
Skin Absorption: No adverse conditions expected.
Eye Contact: Flush eyes with clear running water for a minimum of 15 minutes; if irritation persists, seek medical attention.
Inhalation: Not expected due to form.
Ingestion: May cause irritation of the digestive tract.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

| Chemical Name | Common Name and Synonyms | CAS Number | % |
|-----------------------|---|------------|-------------|
| Benzalkonium Chloride | | 63449-41-2 | 0.13 |
| Lidocaine HCl | | 6108-05-0 | 0.5 |
| Glycerin | 1, 2, 3, Propanetriol | 56-81-5 | Proprietary |
| Triethanolamine | Trolamine | 102-71-6 | Proprietary |
| Propylene Glycol | 1, 2, 3, Propanetriol 2-Hydroxypropanol | 57-55-6 | Proprietary |

Trade Secret

This formula is considered a trade secret and ingredient amounts are not on the SDS.

SECTION 4: FIRST AID MEASURES

Skin Contact: Wash off with warm water and soap. Get medical attention if symptoms occur.
Skin Absorption: No adverse conditions expected.
Eye Contact: Flush eyes with clear running water for a minimum of 15 minutes; if irritation persists, seek medical attention.
Inhalation: Remove victim to fresh air.
Ingestion: May cause irritation of the digestive tract.

SECTION 5: FIRE-FIGHTING MEASURES

Flammable: No
Means of Extinction: Use extinguishing media appropriate for surrounding fire. Use water spray, foam or dry chemical.
 In fires involving large quantities of this product, the use of large streams of water should be avoided.
 Use self-contained breathing apparatus when fighting fires that involve this material.

Flash Point and Method: NA
Upper Flammable Limit (% by volume): NA
Lower Flammable Limit (% by volume): NA
Autoignition Temperature (°C): NA
Explosion Data – Sensitivity to Impact: No unusual fire or explosion hazards noted.
Explosion Data – Sensitivity to Static Discharge: No unusual fire or explosion hazards noted.
Hazardous Combustion Products: Carbon oxides. Nitrogen Oxides (NOx).

NFPA **Health 1** **Fire 0** **Reactivity 0** **Other NA**



SAFETY DATA SHEET

SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions,
Protective equipment and
Emergency procedures:** Wear appropriate personal protective equipment.

**Methods and materials
for containment
and clean up:**

Absorb spill with vermiculite or other inert material, then place in a sealed container for chemical waste.

Large Spills: Flush with plenty of water. Prevent entry into waterways, sewer, basements or confined areas. Dike for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental Precautions: Avoid discharge into drains and water sources.

SECTION 7: HANDLING AND STORAGE

Handling Procedures and Equipment: Keep this and other chemicals out of the reach of children.

Storage Temperature: Do not store or mix with strong acids or oxidizers. Store at room temperature.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

| Components | ACGIH-TLVs | OSHA-PELs | NIOSH | Form |
|--------------------------------|------------|-----------|-------|---------|
| Glycerin (CAS 57-55-8) | NE | 5 mg/m3 | | Aerosol |
| Propylene Glycol (CAS 57-55-6) | 10 mg/m3 | NE | NE | Aerosol |
| Triethanolamine (CAS 102-71-6) | 5 mg/m3 | NE | NE | Aerosol |

Biological Limit Values: No biological Exposure limits noted for the ingredients.

Ventilation and Engineering Controls: Ensure adequate ventilation.

Personal Protective Equipment: None required under normal conditions
Hand Protection: None required under normal conditions.
Eye and Face Protection: Eye protection, as necessary to prevent excessive contact.
Skin Protection: None required under normal conditions.

General Hygiene Considerations: Practice safe work habits.
Other Protective Equipment: Eye wash stations should be nearby and ready to use.

SAFETY DATA SHEET

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Cream.
Physical State: Cream.
Form: Cream.
Color: White, homogeneous.
Odor: Slightly fatty odor.

pH: No information available.
Boiling Point: 275°F
Melting Point: No information available.
Flash Point: N/A

Explosive Properties: No information available.
Oxidizing Properties: No information available.
Specific Gravity: 0.81
Water Solubility: Miscible.
Partition Coefficient: No information available.
Viscosity: No information available.
Vapor Pressure (mm Hg): No information available.
Vapor Density (Air=1): No information available.
Evaporation Rate: No information available.
% Volatile: No information available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: The product is stable and non-reactive under normal conditions of use.
Chemical Stability: Stable at normal conditions.
Possibility of Hazardous Reactions: Hazardous polymerization does not occur.
Conditions to Avoid: Extreme heat.
Materials to Avoid: Strong oxidants and strong acids.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.
Hazardous Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Symptoms of Overexposure by Route of Exposure:
The health hazard information provided is for handling this product in an occupational setting.

Effects of Acute and Chronic Exposure:

Acute: The primary health effect that may be experienced in an occupational setting is mild irritation of contaminated skin. Accidental ingestion may be harmful. Although unlikely, irritation can irritate the respiratory system. Eye contact will cause irritation.

Chronic: NE

Target Organs: Acute: Occupational exposure: Skin, eyes.
Chronic: Occupational exposure: Skin.

Inhalation:
Mist may slightly irritate the nose, throat and lungs. Symptoms are generally alleviated upon breathing fresh air.

SAFETY DATA SHEET

Skin Contact:

Skin contact may cause burning sensation, stinging, itching and tingling.

Eye Contact:

Eye contact can cause irritation, stinging, redness and tearing.

Ingestion:

Ingestion is not a significant route of occupational overexposure. Acute ingestion of large quantities of this product or chronic ingestion may cause adverse symptoms that may include nausea, vomiting and diarrhea.

Irritancy of the Product:

This product may cause mild to moderate irritation on damaged skin.

Skin Sensitization:

Not expected.

Respiratory Sensitization:

Not expected.

LD50/LC50:**Propylene Glycol (CAS 57-55-6)**

- Oral (rat): 2200mg/k
- Dermal: (rabbit) 20800 mg/k

Triethanolamine):

- Oral (rat): 6110 mg/kg
- Dermal: (rabbit): >19870 mg/k

Glycerin (Mist):

- Oral (rat): 12,600 mg/kg
- Subcutaneous (rat): Not Available

Carcinogenicity: Not classified as a human carcinogen by IARC or ACGIH.

Reproductive Toxicity:

Mutagenic/Embryo Toxicity: The components of this product are not reported to cause mutagenic or embryonic effects in humans.

Teratogenicity: Not available.

Reproductive Toxicity: Not available.

SECTION 12: ECOLOGICAL INFORMATION

No specific information is currently available on the effect of this product on plants or animals in the environment. The product may be harmful to contaminated terrestrial and aquatic plant life in large quantities. The following aquatic toxicity data currently available for components of this product:

Propylene Glycol:

EC50 Green Algae (*Desmodesmus subspicatus*) 19000 mg/l 96 hours

EC50 Water Flea (*Daphnia magna*) 43500 mg/l 48 hours

LC 50 Fathead Minnow (*Pimephales promelas*) 46500 mg/l 96 hours



SAFETY DATA SHEET

Triethanolamine:

EC50 Green Algae (*Desmodesmus subspicatus*) 512 mg/l 72 hours
NOEC Water Flea (*Daphnia magna*) 16 mg/l 21 days
LC 50 Fathead Minnow (*Pimephales promelas*) 11800 mg/l 96 hours

Environmental Exposure Controls: Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways.

No component of this product is known to have ozone depletion potential.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Instructions: Collect or dispose in sealed containers at licensed waste disposal site.
Dispose in accordance with local, state and federal regulations.

SECTION 14: TRANSPORT INFORMATION

DOT Classification: Not regulated for Domestic Transport.
IATA Classification: Not regulated for International Transport.
IMDG Classification: Not regulated for International Water Transport.

SECTION 15: REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA (TOXIC SUBSTANCE CONTROL ACT): Not regulated.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not listed.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT) 304: Not regulated.

SARA 311/312 HAZARD CATEGORIES: Not regulated.

SARA 313 REPORTABLE INGREDIENTS: Not listed.

STATE REGULATIONS:

California Prop 65:

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

New Jersey RTK:

Glycerin (CAS 56-81-5)

Propylene Glycol (CAS 57-55-6)

Triethanolamine (CAS 102-71-6)

Massachusetts RTK:

Triethanolamine (CAS 102-71-6)

Pennsylvania RTK:

Propylene Glycol (CAS 57-55-6)

Triethanolamine (CAS 102-71-6)

SAFETY DATA SHEET

INTERNATIONAL REGULATIONS:

| <u>Country or Region</u> | <u>Inventory Name</u> | <u>Listed</u> |
|-----------------------------|---|---------------|
| Australia | Australia Inventory of Chemical Substances | No |
| Canada | Domestic Substance List (DSL) | Yes |
| Canada | Non-Domestic Substance List (NDSL) | No |
| China: | Inventory of Existing Chemical Substances In China (IECSC) | Yes |
| Europe | European List of Notified Chemical Substances (EINECS) | Yes |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | No |
| Korea | Existing Chemicals List (ECL) | Yes |
| New Zealand | New Zealand Inventory | Yes |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | No |
| United States & Puerto Rico | Toxic Substance Control Act (TSCA) Inventory | No |

Note: A "Yes" indicates that all components comply with the inventory requirements administered by the governing country.
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country.

SECTION 16: OTHER INFORMATION

Issue Date: 08-25-2015

Version: 02

Disclaimer:

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SAFETY DATA SHEET



MED-NAP

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT: BZK Towelette
Benzalkonium Chloride Towelette
Benzalkonium Chloride Antiseptic Towelette

Product Label Name: BZK Antiseptic Towelette
Benzalkonium Chloride Antiseptic Towelette

Company Name and Address: Acme United Corporation
301 Marianne Street
Brooksville, FL 34601

Emergency Telephone Number: 352-796-6020

Recommended use: First Aid Antiseptic.

SECTION 2: HAZARDOUS IDENTIFICATION

Classification EYE DAMAGE/IRRITATION – Category 2B
SKIN IRRITATION – Category 3

Signal Word Warning

Pictogram



Hazard Statements Causes eye irritation
Causes mild skin irritation

Precautionary Statement If eye irritation persists: Get medical attention

Prevention Wash affected area thoroughly after handling

Other Hazards None known

SECTION 3: INFORMATION ON INGREDIENTS

| Ingredient list | Cas # | % |
|------------------------------|------------|-----------|
| Benzalkonium Chloride | 68424-85-1 | 0.13% |
| Methyl chloroisothiazolinone | 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

Description of 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: First aid should not be required. If irritation occurs, flush with water. If irritation persists, seek medical attention.

Inhalation: If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion: If swallowed contact a physician immediately. Do not induce vomiting. Rinse mouth with water. Never give anything by mouth if victim is unconscious or is convulsing. Obtain medical attention.

Most Important Symptoms/Effects, Acute and Delayed: Direct contact may cause mild eye irritation.

Indication of Immediate Medical Attention and Special Treatment: Treat symptomatically

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.

Environmental Hazards: Report spill as required by local and federal regulations.

Methods for containment and cleaning up: Prevent entry into waterways, sewers, basements, or confined areas. Pick up towelettes and place in an appropriate container for disposal.

SECTION 7: HANDLING AND STORAGE

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

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

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

| | |
|-----------------------|------------------|
| Benzalkonium chloride | None established |
|-----------------------|------------------|

Engineering controls: General ventilation normally adequate.

Personal protective equipment

Eye protection: Follow standard industrial hygiene practices. Not required under normal use conditions.

Skin protection: Not required under normal use conditions.

Respiratory protection: Not required under normal use conditions.

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 (H₂O) 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: May cause irritation.
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.
Chronic effects: None known. Non-hazardous by WHMIS/OSHA criteria.
Carcinogenicity: None of the components of this product are listed as carcinogenic, or suspected carcinogen by OSHA, IARA and NTP.
Mutagenicity: Not expected to cause mutagenic activity
Reproductive effects: Not expected from this product.
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 applicable
Disposal instructions: Waste must be disposed in accordance with federal, state, and local regulations.

SECTION 14: TRANSPORT INFORMATION

U.S. Department of Transportation (DOT): Not regulated
UN Number N/A
UN Proper Shipping name Not regulated
Hazard Class None

Packing Group None
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.

CERCLA 103 Reportable Quantity: This product is not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

SARA TITLE III:

Hazard Category for Section 311/312: See OSHA Hazard Classification in Section 2.

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the components are listed on the TSCA inventory or exempt.

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

State Regulations:

California Proposition 65: This product does not contain substances listed on California's Proposition 65 chemical list.

Right to Know (RTK) - None Listed for Massachusetts, New Jersey, Pennsylvania, Rhode Island

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

SECTION 16: OTHER INFORMATION

Issue Date: 1/1/2018
Revision Date 5/11/2022

Disclaimer:

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

Reviewed on 7/12/17

SAFETY DATA SHEET

SECTION 1. Product and Company Identification

PRODUCT NAME: Castile Soap Towelettes
PRODUCT USE: Antiseptic

Product Code: 1304

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

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. |



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Target organs Eyes. Skin

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

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

SECTION 3. Composition/information on Ingredients

Hazardous Ingredients per 29 CFR 1910.1200

| Hazardous Ingredients | CAS # | Percent |
|------------------------------------|------------|---------|
| Cocoa fatty acids, potassium salts | 61789-30-8 | 1 – 5 |

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



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Notes to physician

attention.

General advice

Symptoms may be delayed.

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

Flammable Limits: N/A

Flash Point: N/A

SECTION 5. Fire-fighting measures

Flammable properties

Not flammable by WHMIS/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.

Explosion data

Sensitivity to mechanical impact

Not available

Sensitivity to static discharge

Not available



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SECTION 6. Accidental release measures

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

SECTION 7. Handling and storage

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

SECTION 8. Exposure controls/personal protection

| Exposure limits | Exposure Limits |
|------------------------------------|-------------------------------------|
| Ingredient(s) | |
| Fatty acids, coco, potassium salts | ACGIH-TLV Not established |
| | OSHA-PEL Not established |

Engineering controls General ventilation normally adequate.



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Personal protective equipment

Eye / face protection

Follow standard industrial hygiene practices.

Hand protection

Not required.

Skin and body protection Not

Not normally required.

Respiratory protection

Not normally required if good ventilation is maintained.

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 Not available

Form Liquid saturated on wipe.

Odor Not available

Odor threshold Not available

Physical state Solid

pH 9.4 - 9.6

Melting point Not available

Freezing point Not available

Boiling point Not available



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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 (H₂O) Wipe is not soluble

Auto-ignition temperature 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 Acids.

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

Possibility of hazardous reactions Hazardous polymerization does not occur.



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SECTION 11. Toxicological information

Component analysis - LC50

| | |
|--|---------------|
| Ingredient(s) | LC50 |
| Fatty acids, coco, potassium salts space | Not available |

Component analysis - Oral LD50

| | |
|------------------------------------|---|
| Ingredient(s) | LD50 |
| Fatty acids, coco, potassium salts | Not available |
| 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. |
| 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



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

Environmental effects Not available

Aquatic toxicity Not available

Persistence / degradability Not available

Bioaccumulation / accumulation Not available

Partition coefficient Not available

Mobility in environmental media Not available

Chemical fate information Not available

Other adverse effects Not available

SECTION 13. Disposal considerations

Waste codes: Not available

Disposal instructions: Discard after single use.

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

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

Waste from residues / unused products: Not available

Contaminated packaging: Not available

SECTION 14. Transport information

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

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



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

SECTION 15. Regulatory information

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous No chemical

Clean Air Act (CAA) Not available

Clean Water Act (CWA) Not available

Safe Drinking Water Act (SDWA) Not available

Drug Enforcement Agency (DEA) Not available

Food and Drug Administration (FDA) Not available

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.

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 (H3BO3) | 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

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 ₃ BO ₃) 10043-35-3 | TWA: 2 mg/m ³ inhalable fraction STEL: 6 mg/m ³ inhalable fraction | - | |
| Sodium borate 1330-43-4 | STEL: 6 mg/m ³ inhalable fraction TWA: 2 mg/m ³ inhalable fraction | (vacated) TWA: 10 mg/m ³ | TWA: 1 mg/m ³ |

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. .

| |
|--|
| 9. PHYSICAL AND CHEMICAL PROPERTIES |
|--|

Physical and Chemical Properties

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

| | | |
|-----------------------------|-------------------|------------|
| Kinematic viscosity | No data available | None known |
| Dynamic viscosity | No data available | None known |
| Explosive properties | No data available | |
| Oxidizing properties | No data available | |

Other Information

| | |
|-----------------------------------|-------------------|
| Softening Point | No data available |
| VOC Content (%) | No data available |
| Particle Size | No data available |
| Particle Size Distribution | |

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**

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

Component Information

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

PHYSICIANS CARE EYEWASH

| | | | |
|----------------------------|----------------------|-------------------------|---|
| Sodium borate 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 ₃ BO ₃) 10043-35-3 | | 72h LC50: = 1020 mg/L (Carassius auratus) | | 48h EC50: 115 - 153 mg/L |
| Sodium borate 1330-43-4 | 96h EC50: = 158 mg/L (Desmodesmus subspicatus) 96h EC50: 2.6 - 21.8 mg/L (Pseudokirchneriella subcapitata) | 96h LC50: = 340 mg/L (Limanda limanda) | | 48h LC50: 1085 - 1402 mg/L |

Persistence and Degradability

No information available.

Bioaccumulation

| Chemical Name | Log Pow |
|--|---------|
| Boric acid (H ₃ BO ₃) 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 ₃ BO ₃) 10043-35-3 | Toxic |



PHYSICIANS CARE EYEWASH

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

International Inventories

| | |
|------|--|
| TSCA | Complies |
| DSL | 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 1330-43-4 | | X | X | | |

International Regulations

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

Canada**WHMIS Hazard Class**

Not applicable

16. OTHER INFORMATION

| | | | | |
|-------------|-------------------------|-----------------------|--------------------------|--|
| NFPA | Health Hazards 0 | Flammability 0 | Instability 0 | Physical and Chemical Hazards - |
| HMIS | Health Hazards 0 | Flammability 0 | Physical Hazard 0 | Personal Protection 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

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





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 22-Jan-2020

Revision Date 22-Jan-2020

Revision Number 1

1. Identification

Product identifier

Product Name Sterile Gel-Soaked Burn Dressing, Burn Blankets and Gel

Other means of identification

Product Code(s) BDGEL.00.121

Synonyms Sterile Gel-Soaked Burn Dressing, Burn Blankets and Gel

Recommended use of the chemical and restrictions on use

Recommended use Emergency first aid for 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

Label elements

Hazard statements

Not classified.

Other information

No information available.

3. Composition/information on ingredients

Substance

Not applicable.

Mixture**Synonyms****Sterile Gel-Soaked Burn Dressing, Burn Blankets and Gel**

| Chemical name | CAS No. | Weight-% | Hazardous Material Information Review Act registry number (HMIRA registry #) | Date HMIRA filed and date exemption granted (if applicable) |
|------------------|-----------|----------|--|---|
| Phenoxyethanol | 122-99-6 | 0.5-1.5 | - | - |
| Glycerin | 56-81-5 | 0.5-1.5 | - | - |
| Sodium hydroxide | 1310-73-2 | 0.5-1.5 | - | - |

4. First-aid measures**Description of first aid measures**

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

Most important symptoms and effects, both acute and delayed

Symptoms None known.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. Fire-fighting measures

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media No information available.

Specific hazards arising from the chemical No information available.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

Special protective equipment for fire-fighters 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

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH | |
|-------------------------------|------------------------------|--|--|------------------------------|
| Glycerin 56-81-5 | - | TWA: 15 mg/m ³ mist, total particulate TWA: 5 mg/m ³ mist, respirable fraction (vacated) TWA: 10 mg/m ³ mist, total particulate (vacated) TWA: 5 mg/m ³ mist, respirable fraction | - | |
| Sodium hydroxide 1310-73-2 | Ceiling: 2 mg/m ³ | TWA: 2 mg/m ³ (vacated) Ceiling: 2 mg/m ³ | IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³ | |
| Chemical name | Alberta | British Columbia | Ontario | Quebec |
| Phenoxyethanol 122-99-6 | - | - | TWA: 25 ppm TWA: 141 mg/m ³ Skin | - |
| Glycerin 56-81-5 | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ TWA: 3 mg/m ³ | - | TWA: 10 mg/m ³ |
| Sodium hydroxide 1310-73-2 | Ceiling: 2 mg/m ³ | Ceiling: 2 mg/m ³ | CEV: 2 mg/m ³ | Ceiling: 2 mg/m ³ |

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 | Clear to Opaque, colorless to yellow liquid embedded in a white pad |
| Physical state | Liquid |
| Color | Clear, Opaque, Colorless to yellow |
| Odor | Characteristic |
| Odor threshold | No information available |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|---|---------------------------|---|
| pH | 6.0 - 7.7 | For the gel |
| Melting point / 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 | | 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 | 0.997 | @25°C. For the gel |
| Water solubility | Soluble 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 | 4,500 - 23,000 cP | Brookfield; Spindle #4; 12 RPM. For the gel |
| <u>Other information</u> | | |
| 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 | None under normal use conditions. |
| 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

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

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms None known.

Acute toxicity

Numerical measures of toxicity

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

ATEmix (oral) 50,000.00 mg/kg

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|------------------|-----------------------|-------------------------|-------------------------------------|
| Phenoxyethanol | = 1850 mg/kg (Rat) | = 5 mL/kg (Rabbit) | > 0.057 mg/L (Rat) 8 h |
| Glycerin | = 12600 mg/kg (Rat) | > 10 g/kg (Rabbit) | > 570 mg/m ³ (Rat) 1 h |
| Sodium hydroxide | = 325 mg/kg (Rat) | = 1350 mg/kg (Rabbit) | - |

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

| | |
|--|---------------------------|
| Skin corrosion/irritation | No information available. |
| Serious eye damage/eye irritation | No information available. |
| Respiratory or skin sensitization | No information available. |
| Germ cell mutagenicity | No information available. |
| Carcinogenicity | No information available. |

| | |
|---------------------------------|---------------------------|
| Reproductive toxicity | No information available. |
| STOT - single exposure | No information available. |
| STOT - repeated exposure | No information available. |
| Aspiration hazard | No information available. |

12. Ecological information

Ecotoxicity

| Chemical name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|-------------------------------|---|---|----------------------------|-------------------------------------|
| Phenoxyethanol 122-99-6 | EC50: >500mg/L (72h, Desmodosmus subspicatus) | LC50: =366mg/L (96h, Pimephales promelas) LC50: 337 - 352mg/L (96h, Pimephales promelas) | - | EC50: >500mg/L (48h, Daphnia magna) |
| Glycerin 56-81-5 | - | LC50: 51 - 57mL/L (96h, Oncorhynchus mykiss) | - | - |
| Sodium hydroxide 1310-73-2 | - | LC50: =45.4mg/L (96h, Oncorhynchus mykiss) | - | - |

Persistence and degradability No information available.

Bioaccumulation No information available.

Component Information

| Chemical name | Partition coefficient |
|----------------------------|-----------------------|
| Phenoxyethanol 122-99-6 | 1.13 |
| Glycerin 56-81-5 | -1.76 |

Mobility in soil No information available.

Other adverse effects No information available.

13. Disposal considerations

Waste treatment methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

California Hazardous Waste Status This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical name | California Hazardous Waste Status |
|-------------------------------|-----------------------------------|
| Sodium hydroxide 1310-73-2 | Toxic Corrosive |

14. Transport information

| | |
|-------------|---------------|
| DOT | Not regulated |
| TDG | Not regulated |
| MEX | Not regulated |
| IATA | Not regulated |
| IMDG | 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

TSCA Contact supplier for inventory compliance status.
DSL/NDSL 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

US Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

| Chemical name | SARA 313 - Threshold Values % |
|---------------------------|-------------------------------|
| Phenoxyethanol - 122-99-6 | 1.0 |

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.

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

| Chemical name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|-------------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Sodium hydroxide 1310-73-2 | 1000 lb | - | - | X |

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

| Chemical name | Hazardous Substances RQs | Extremely Hazardous | Reportable Quantity (RQ) |
|---------------|--------------------------|---------------------|--------------------------|
|---------------|--------------------------|---------------------|--------------------------|

| | | Substances RQs | |
|-------------------------------|---------|----------------|---|
| Sodium hydroxide 1310-73-2 | 1000 lb | - | RQ 1000 lb final RQ RQ 454 kg final RQ |

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 |
|-------------------------------|------------|---------------|--------------|
| Glycerin 56-81-5 | X | X | X |
| Phenoxyethanol 122-99-6 | X | - | X |
| Sodium hydroxide 1310-73-2 | X | X | X |

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. Other information

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

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
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
 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
 World Health Organization

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Disclaimer

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End of Safety Data Sheet