



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 07-Jan-2020

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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)** BDGELHA.00.121

**Synonyms** Sterile Gel-Soaked Burn Dressing, Burn Blankets and Gel with HA

**Other information** See Section 16 for Instructions for Use

### 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 with HA**

| 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**

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

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

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

### Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations

Ventilation systems.

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

|                                       |  |
|---------------------------------------|--|
| <b>Eye/face protection</b>            | No special protective equipment required.  |
| <b>Hand protection</b>                | No special protective equipment required.  |
| <b>Skin and body protection</b>       | No special protective equipment required.  |
| <b>Respiratory protection</b>         | No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. |
| <b>General hygiene considerations</b> | Handle in accordance with good industrial hygiene and safety practice.   |

## **9. Physical and chemical properties**

### **Information on basic physical and chemical properties**

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

| <b><u>Property</u></b>                        | <b><u>Values</u></b>      | <b><u>Remarks • Method</u></b>              |
|---|---------------------------|---|
| <b>pH</b>                                     | 6.0 - 7.7                 | For the gel                                 |
| <b>Melting point / freezing point</b>         | No data available         | None known                                  |
| <b>Boiling point / boiling range</b>          | No data available         | None known                                  |
| <b>Flash point</b>                            | No data available         | None known                                  |
| <b>Evaporation rate</b>                       | No data available         | None known                                  |
| <b>Flammability (solid, gas)</b>              | No data available         | None known                                  |
| <b>Flammability Limit in Air</b>              |                           | None known                                  |
| <b>Upper flammability or explosive limits</b> | No data available         |   |
| <b>Lower flammability or explosive limits</b> | No data available         |   |
| <b>Vapor pressure</b>                         | No data available         | None known                                  |
| <b>Vapor density</b>                          | No data available         | None known                                  |
| <b>Relative density</b>                       | 0.997                     | @25°C. For the gel                          |
| <b>Water solubility</b>                       | Soluble in water          |   |
| <b>Solubility(ies)</b>                        | No data available         | None known                                  |
| <b>Partition coefficient</b>                  | No data available         | None known                                  |
| <b>Autoignition temperature</b>               | No data available         | None known                                  |
| <b>Decomposition temperature</b>              | No data available         | None known                                  |
| <b>Kinematic viscosity</b>                    | No data available         | None known                                  |
| <b>Dynamic viscosity</b>                      | 4,500 - 23,000 cP         | Brookfield; Spindle #4; 12 RPM. For the gel |
| <b><u>Other information</u></b>               |                           |   |
| <b>Explosive properties</b>                   | No information available. |   |
| <b>Oxidizing properties</b>                   | No information available. |   |
| <b>Softening point</b>                        | No information available  |   |
| <b>Molecular weight</b>                       | No information available  |   |
| <b>VOC Content (%)</b>                        | No information available  |   |
| <b>Liquid Density</b>                         | No information available  |   |
| <b>Bulk density</b>                           | No information available  |   |

## **10. Stability and reactivity**

|   |   |
|---|---|
| <b>Reactivity</b>                         | None under normal use conditions.         |
| <b>Chemical stability</b>                 | Stable under normal conditions.           |
| <b>Possibility of hazardous reactions</b> | None under normal processing.             |
| <b>Conditions to avoid</b>                | None known based on information supplied. |
| <b>Incompatible materials</b>             | None known based on information supplied. |
| <b>Hazardous decomposition products</b>   | None known based on information supplied. |

## 11. Toxicological information

### Information on likely routes of exposure

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

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

|                 |             |
|-----------------|-------------|
| <b>Symptoms</b> | None known. |
|-----------------|-------------|

### Acute toxicity

#### Numerical measures of toxicity

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

|                      |                 |
|----------------------|-----------------|
| <b>ATEmix (oral)</b> | 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 <sup>3</sup> ( 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

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

|                                 |                           |
|---------------------------------|---------------------------|
| <b>Reproductive toxicity</b>    | No information available. |
| <b>STOT - single exposure</b>   | No information available. |
| <b>STOT - repeated exposure</b> | No information available. |
| <b>Aspiration hazard</b>        | No information available. |

## 12. Ecological information

### Ecotoxicity

| Chemical name                 | Algae/aquatic plants                          | Fish  | Toxicity to microorganisms | Crustacea                           |
|-------------------------------|---|---|----------------------------|-------------------------------------|
| Phenoxyethanol<br>122-99-6    | EC50: >500mg/L (72h, Desmodesmus subspicatus) | LC50: =366mg/L (96h, Pimephales promelas)<br>LC50: 337 - 352mg/L (96h, Pimephales promelas) | -                          | EC50: >500mg/L (48h, Daphnia magna) |
| Glycerin<br>56-81-5           | -   | LC50: 51 - 57mL/L (96h, Oncorhynchus mykiss)  | -                          | -                                   |
| Sodium hydroxide<br>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<br>122-99-6 | 1.13                  |
| Glycerin<br>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<br>1310-73-2 | Toxic<br>Corrosive                |

**14. Transport information**

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

**15. Regulatory information****Safety, health and environmental regulations/legislation specific for the substance or mixture****International Regulations**

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

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

**The Rotterdam Convention** Not applicable

**International Inventories**

**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<br>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<br>1310-73-2 | 1000 lb | -              | RQ 1000 lb final RQ<br>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<br>56-81-5           | X          | X             | X            |
| Phenoxyethanol<br>122-99-6    | X          | -             | X            |
| Sodium hydroxide<br>1310-73-2 | X          | X             | X            |

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. Other information**

|                    |                  |                |                    |  |
|--------------------|------------------|----------------|--------------------|--|
| <b><u>NFPA</u></b> | Health hazards 0 | Flammability 0 | Instability 0      | Physical and chemical<br>properties -<br>Personal protection X |
| <b><u>HMIS</u></b> | 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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**Revision Note** Initial Release.

**Instructions on Use** 1. Open package. 2. Remove sterile gel soaked dressing. 3 Place over affected area. 4. Call the medic.

**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**