



Bio Med Wash® Sterile Wound Wash

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation
Revision Date: 05/28/2019 Date of Issue: 05/28/2019 Supersedes Date: 09/1/2018 Version: 3.0

SECTION 1: IDENTIFICATION

1.1 Product Identifier

Product Form: Mixture
Product Name: Bio Med Wash Sterile Wound Wash
Product Code: 40003-40007

1.2 Intended Use of the Product

First aid wound care

1.3 Name, Address, and Telephone of the Responsible Party

Company

Bio Logic Aqua Research Technologies
PO Box 400
Grants Pass, OR 97528
1-800-367-6478

www.biologicaquaresearch.com

1.4 Emergency Telephone Number

Emergency Number:

For Chemical Emergency
(CHEMTREC): 1-800-424-9300 (USA and Canada),
1-703-741-5970 (Outside USA and Canada)

SECTION 2: HAZARDS IDENTIFICATION

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC) and the Food and Drug Administration (FDA). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration applicable to this SDS differ from the labeling requirements of the CPSC and FDA and, as a result, this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

2.1 Classification of the Substance or Mixture

GHS-US/CA Classification

Press. Gas (Comp.) H280
Full text of hazard classes and H-statements: see section 16

2.2 Label Elements

GHS-US/CA Labeling

Hazard Pictograms (GHS-US/CA) :



GHS04 Signal Word (GHS-US/CA):

Warning

Hazard Statements (GHS-US/CA):

H280 - Contains gas under pressure; may explode if heated.

Precautionary Statements (GHS-US/CA):

P410+P403 - Protect from sunlight. Store in a well-ventilated place.

2.3 Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4 Unknown Acute Toxicity (GHS-US/CA)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200] and Canada's Hazardous Products Regulations (HPR): No components within this mixture are required to be disclosed.

SECTION 4: FIRST AID MEASURES

4.1 Description of First-aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

Skin Contact: None - Contents used as a sterile flushing/rinsing agent

Eye Contact: None - Contents used as a sterile flushing/rinsing agent
Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2 Most Important Symptoms and Effects Both Acute and Delayed

General: Not expected to present a significant hazard under anticipated conditions of normal use.

Inhalation: Prolonged exposure may cause irritation.

Skin Contact: Prolonged exposure may cause skin irritation.

Eye Contact: May cause slight irritation to eyes.

Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: None expected under normal conditions of use.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media: Water spray, dry chemical, foam, carbon dioxide.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2 Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not flammable.

Explosion Hazard: Product is not explosive.

Pressurized container: may burst if heated or punctured.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3 Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: None

5.4 Reference to Other Sections Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid prolonged contact with eyes, skin and clothing. Avoid breathing (vapor, mist, spray).

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

6.2 Environmental Precautions

Prevent entry to sewers and public waters.

6.3 Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4 Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Additional Hazards When Processed: Pressurized container: may burst if heated. Pressurized container: Do not pierce or burn, even after use.

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapors, mist, spray.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

Storage Temperature: Store at room temperature, do not exceed 50°C (120°F), 0 - 44 °C (32- 110 °F)

7.3 Specific End Use(s)

First aid wound care

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

8.2 Exposure Controls

Appropriate Engineering Controls: For occupational/workplace settings: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment: For occupational/workplace settings and bulk quantities: Gloves. Protective clothing. Protective goggles.



Materials for Protective Clothing: For occupational/workplace settings: Chemically resistant materials and fabrics.

Hand Protection: For occupational/workplace settings: Wear protective gloves.

Eye Protection: For occupational/workplace settings: Chemical safety goggles.

Skin and Body Protection: For occupational/workplace settings: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

8.3 Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.0 Information on Basic Physical and Chemical Properties

| | |
|-----------------------------|-----------------|
| Physical State: | Liquid |
| Appearance: | Clear Colorless |
| Odor : | None |
| Odor Threshold : | Not available |
| pH : | 6.5 |
| Evaporation Rate : | Not available |
| Melting Point : | 2 °C (35.6 °F) |
| Freezing Point : | Not available |
| Boiling Point : | 100 °C (212 °F) |
| Flash Point : | Not available |
| Auto-ignition Temperature : | Not available |
| Decomposition Temperature : | Not available |
| Flammability (solid, gas) : | Not available |
| Lower Flammable Limit : | Not available |
| Upper Flammable Limit : | Not available |

| | |
|---|--------------------|
| Vapor Pressure : | 18.65 mm Hg @ 21 C |
| Relative Vapor Density at 20°C : | Not available |
| Relative Density : | Not available |
| Specific Gravity : | 1 |
| Solubility : | Complete in water. |
| Partition Coefficient: N-Octanol/Water: | Not available |
| Viscosity : | Not available |

SECTION 10: STABILITY AND REACTIVITY

- 10.1 Reactivity:** Hazardous reactions will not occur under normal conditions.
- 10.2 Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).
- 10.3 Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4 Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, and incompatible materials.
- 10.5 Incompatible Materials:** Strong acids, strong bases, strong oxidizers.
- 10.6 Hazardous Decomposition Products:** None expected under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects - Product

- Acute Toxicity (Oral):** Not classified
- Acute Toxicity (Dermal):** Not classified
- Acute Toxicity (Inhalation):** Not classified
- LD50 and LC50 Data:** Not available
- Skin Corrosion/Irritation:** Not classified
- pH:** 6.5
- Eye Damage/Irritation:** Not classified
- pH:** 6.5
- Respiratory or Skin Sensitization:** Not classified
- Germ Cell Mutagenicity:** Not classified
- Carcinogenicity:** Not classified
- Specific Target Organ Toxicity (Repeated Exposure):** Not classified
- Reproductive Toxicity:** Not classified Specific
- Target Organ Toxicity (Single Exposure):** Not classified
- Aspiration Hazard:** Not classified
- Symptoms/Injuries After Inhalation:** Prolonged exposure may cause irritation.
- Symptoms/Injuries After Skin Contact:** Prolonged exposure may cause skin irritation.
- Symptoms/Injuries After Eye Contact:** May cause slight irritation to eyes.
- Symptoms/Injuries After Ingestion:** Ingestion may cause adverse effects.
- Chronic Symptoms:** None expected under normal conditions of use.

11.2 Information on Toxicological Effects - Ingredient(s)

- LD50 and LC50 Data:** Not available

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

- Ecology - General:** Not classified.

12.2 Persistence and Degradability

- Bio Med Wash® Sterile Wound Wash
- Persistence and Degradability:** Not established.

12.3 Bioaccumulative Potential

- Bio Med Wash® Sterile Wound Wash
- Bioaccumulative Potential:** Not established.

12.4 Mobility in Soil: Not available

12.5 Results of PBT and vPvB assessment

- This substance does not meet the PBT/vPvB criteria of REACH, annex XIII

12.6 Other Adverse Effects Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

13.2 Additional Information: Container may remain hazardous when empty. Continue to observe all precautions. Do not puncture or incinerate container.

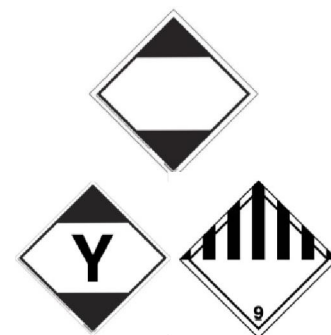
13.3 Ecology - Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

In Accordance with DOT

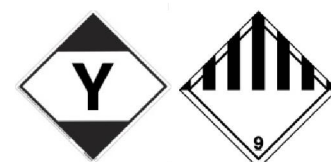
DOT Proper Shipping Name: Consumer Commodity / Limited Quantity
Identification Number: ID8000
DOT Hazard Class: 9 Misc
Packaging Group: N/A
Packaging Instructions: see 49CFR Section 173.156
Special Instructions: Air Shipments – Limited Quantity Air
Placard: Ground – Limited Quantity
Air – Limited Quantity Air Y, Class 9 Misc



Hazardous Material Warning Labels: Not required in compliance with DOT49 CFR173.306 Limited Quantity of compressed gas subsection J
Emergency Response Guide#: N/A
US Surface Freight Class: See NMFTA Manual

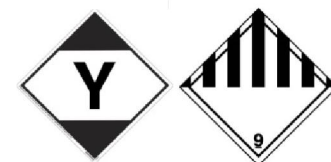
In Accordance with IATA

IATA Proper Shipping Name: Consumer Commodity / Limited Quantity
Identification Number: ID8000
IATA Hazard Class: 9 Misc
Packaging Group: Na
Packing Instruction: Y963
IATA Shipping Notes: N/A
Hazardous Material Warning Labels : Limited Quantity (Ground) Limited Quantity- Air & Misc class 9 Hazardous Material (Air Shipments)
Placard: Limited Quantity Air Y, Class 9 Misc



In Accordance with IMDG

IATA Proper Shipping Name: Consumer Commodity / Limited Quantity
Identification Number: ID8000
IMO Hazard Class: 9 Misc
Packaging Group: Na
IMO Shipping Notes: N/A
Hazardous Material Warning Labels : Limited Quantity (Ground) Limited Quantity- Air & Misc class 9 Hazardous Material (Air Shipments)
Placard: Limited Quantity Air Y, Class 9 Misc



SECTION 15: REGULATORY INFORMATION

US Federal and International Regulations

Neither this product nor its chemical components appear on any US federal lists.

US State Regulations Neither this product nor its chemical components appear on any US state lists.

Canadian Regulations This product or its components are not listed on the Canadian Domestic Substances List (DSL) or the Non-Domestic Substances List (NDSL).

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision: 05/28/2019

Other Information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR). This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC) and the Food and Drug Administration (FDA). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration applicable to this SDS differ from the labeling requirements of the CPSC and FDA and, as a result, this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

GHS Full Text Phrases:

Press. Gas (Comp.)
H280

Gases under pressure Compressed gas
Contains gas under pressure; may explode if heated

This Product Safety Data Sheet is offered solely for your information, consideration and investigation. Bio Logic Aqua Research Technologies provides no warranties; either expressed or implied, and assumes no responsibility for the accuracy or completeness of data contained herein. Bio Logic Aqua Research Technologies urges persons receiving this information to make their own determination as to the information suitability for their particular application.