

BIO MED WASH - MSDS


Section 1 - Chemical Product and Company Identification

Product Identifier BIO MED WASH		WHMIS Classification A – Compressed Gas (Aerosol container)	
Product Use Safety Wash for Skin and Eye			
Manufacturer's Name Bio Logic Aqua Research Technologies International Inc.		Supplier's Name Western Safety Products Ltd.	
Street Address 5001 Lower River Rd.		Street Address 2920 Murray Street	
City, Province/State, Postal/Zip Code Grants Pass, OR 97526		City, Province/State, Postal/Zip Code Port Moody, BC V3H 1X2	
Emergency Telephone (541) 660-5620	Fax Number (541) 474-2123	Emergency Telephone (604) 461-5444	Fax Number (604) 461-5446
Date MSDS Prepared January 20, 2012	MSDS Prepared By Bio Logic Aqua Technologies	Phone Number 541-474-0950	

Section 2 - Composition/Information on Ingredients

Hazardous Ingredient	%	CAS Number	LD50 of Ingredient	LC50 of Ingredient
Nitrogen, Compressed	100	7727-37-9	Not Available	Not Available
Water	100	7789-20-0	90 ml/kg (rat)	Not Available

Section 3 - Hazards Identification

Routes of Entry	
<input checked="" type="checkbox"/> Skin Contact	<input checked="" type="checkbox"/> Skin Absorption
<input checked="" type="checkbox"/> Eye Contact	<input checked="" type="checkbox"/> Inhalation
<input checked="" type="checkbox"/> Ingestion	
Emergency Overview	Contents under pressure, explosive if incinerated
Potential Health Effects	None under normal use
WHMIS Symbol	

Section 4 - First Aid Measures

Skin Contact	None - Contents used as a sterile flushing/rinsing agent
Eye Contact	None - Contents used as a sterile flushing/rinsing agent
Inhalation	None - Aerosol is water
Ingestion	None - Aerosol is water

Section 5 - Firefighting Measures

Flammability	No flammable ingredients	
Means of Extinction	Dry Chemical or CO ₂	
Flashpoint (°C) and Method	Upper Flammability Limit (% by volume)	Lower Flammability Limit (% by volume)
Not applicable	Not applicable	Not applicable
Autoignition Temp (°C)	Explosion Data - Sensitivity to Impact	Explosion Data - Sensitivity to Static Discharge
Not applicable	Avoid impact against container	None
Hazardous Combustion Product	None	
NFPA		

Section 6 - Accidental Release Measure

Leak and Spill Procedure	Clean up spill with mop or towel
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Section 7 - Handling and Storage

Handling Procedures and Equipment	Wear gloves and eye protection if handling can exposed to heat
Storage Requirements	Store at room temperature, do not exceed 50°C (120°F)

Section 8 - Exposure Control/Personal Protection

Exposure Limits - None established	ACGIH TLV	OSHA PEL	Other
Specific Engineering Controls			
Personal Protective Equipment	<input checked="" type="checkbox"/> Gloves <input checked="" type="checkbox"/> Eye		
Specify Requirements	Gloves and eye protection to be used during handling procedures while stocking of the product		

Section 9 - Physical and Chemical Properties

Nitrogen - Pressurizing agent

Physical State	Liquid	Odor and Appearance	Colorless, odorless.	Odor Threshold	Odorless
Specific Gravity	0.8081 @ -196 C	Vapor Density	0.967 (Air = 1)	Vapor Pressure	Not applicable
Evaporation Rate	N/A	Boiling Point (°C)	-195.8°C/-320.4°F	Freezing Point (°C)	-209.9°C/-345.8°F
pH	N/A	Coefficient of Water/Oil Dist	N/A	Solubility in Water	1.6% @ 20 C

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Water - Aerosol

Physical State	Liquid	Odor and Appearance	Colorless, odorless.	Odor Threshold	Odorless
Specific Gravity	1	Vapor Density	0.997 (Air = 1)	Vapor Pressure	18.65 mm Hg @ 21 C
Evaporation Rate	N/A	Boiling Point (°C)	100	Freezing Point (°C)	0
pH	6.5	Coefficient of Water/Oil Dist	0	Solubility in Water	Soluble

Section 10 - Stability and Reactivity

Chemical Stability	<input checked="" type="checkbox"/> Yes No	Conditions	The product is stable
Incompatibility with Other Products	<input checked="" type="checkbox"/> Yes No	Incompatible substances identified	acids, caustics, combustible materials, chlorinated hydrocarbons, and strong oxidizers should be avoided
Reactivity and Under What Conditions			Contact between aluminum and incompatible substances should be avoided
Hazardous Decomposition Products			None reported

Section 11 - Toxicological Information

Effect of Acute Exposure	No known effects		
Effect of Chronic Exposure	No known effects		
Irritancy of Product	None known		
Skin Sensitization	None known	Respiratory Sensitization	None known
Carcinogenicity (IARC)	None known	Carcinogenicity (ACGIH)	None known
Reproductive Toxicity	None known	Teratogenicity	None known
Embryotoxicity	None known	Mutagenicity	None known
Name of Synergistic Products/Effects	None known		

Section 12 - Ecological Information

Aquatic Toxicity	Not available
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Section 13 - Disposal Considerations

Waste Disposal	The empty container may still be pressurized and should be disposed of in accordance with Federal, State, local regulation for aerosol containers. The contents of the can that are expelled consists of sterile water and should not be an issue for disposal.
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Section 14 - Transportation Information

<p>DOT HAZARD DESCRIPTION DOT Proper Shipping Name: Consumer Commodity / ORM-D Identification Number: N/A DOT Hazard Class/Division: ORM-D Packaging Group: N/A Packaging Instructions: see 49CFR Section 173.156 Special Instructions: Air Shipments – ORM-D-AIR Placard: N/A Emergency Response Guide#: N/A US Surface Freight Class: See NMFTA Manual</p> <p>IATA CLASSIFICATION IATA Proper Shipping Name: Nitrogen, Compressed Identification Number: UN 1066 IATA Hazard Class/Division: CLASS 2.2 Packaging Group: II Packing Instruction: see IATI packing instructions, section 200 IATA Shipping Notes: N/A Placard: Non-Flammable Gas, Div 2</p> <p>IMO CLASSIFICATION IATA Proper Shipping Name: Nitrogen, Compressed Identification Number: UN 1066 IMO Hazard Class/Division: CLASS 2.2 Packaging Group: II IMO Shipping Notes: N/A Placard: Non-Flammable Gas, Div 2</p>
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Section 15 - Regulatory Information

WHMIS Class A: Compressed gas.	OSHA This material is listed or exempted
SERA Nitrogen: Sudden release of pressure	TSCA Partial exemption

Section 16. Other information

United States	Label Requirements CONTENTS UNDER PRESSURE
Canada	Label Requirements Class A: Compressed gas