

Safety Data Sheet

According to OSHA 1910.1200 and HPR

Section 1 – Material Identification

Product identifier: Qwatro - Biogize

Company information: Chandler Sales, Po Box 431, Stn Main
Saint John, NB, E2L 4L9

Company phone: (506)658-8000

Material use: Hard surface cleaner/degreaser

Restrictions: None known.

Section 2 – Hazard(s) Identification

Physical Hazard: Not classified.

Health Hazard: Eye damage/eye irritation Category 2A.

Environmental Hazard: Not classified.

Label Elements:



Signal Word: Warning

Hazard Statement: Causes serious eye irritation.

Precautionary Statement Prevention: Wash hands thoroughly after handling. Wear eye protection/face protection.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Storage: None

Disposal: None

Section 3 – Composition/Information on Ingredients

Chemical name	CAS number	%	GHS Classification
Alcohols, C9-11, ethoxylated	68439-46-3	5-6.5	Skin corrosion/irritation Category 2; Eye damage/Irritation Category 1.
Sodium Gluconate	527-07-1	2-3.5	None
Trisodium Citrate Dihydrate	6432-04-3	2-3	None

Cocamidopropylamine Oxide	68155-09-9	0.1-0.5	Eye damage/irritation Category 2A
Water	7732-18-5	>85	None

Section 4 – First Aid Measures

Skin: Immediately remove contaminated clothing. Wash with mild soap & water for 15 minutes. Seek medical attention if irritation persists.

Inhalation: Inhalation not considered a significant route of exposure. Remove to fresh air if necessary.

Eye: Immediately flush with plenty of running water for 15 minutes with eyelids held open. Get medical attention.

Ingestion: Do not induce vomiting. Give two glasses of water in order to dilute. Do not induce vomiting. Never give anything by mouth to an unconscious or convulsing person. Call poison control center immediately.

Section 5 – Fire Fighting Measures

Flammability: Not flammable.

Upper Exposure Limit(% by Vol.): Not Available.

Lower Exposure Limit (% by vol.): Not Available.

Means of Extinction: Extinguishing media applicable for surrounding fire.

Flashpoint (°C) and Method: > 93

Hazardous Combustion Products: Oxides of carbon and sodium.

Sensitivity To Mechanical Impact: Not Available

Auto Ignition Temperature Not Available.

Sensitivity to Static Discharge: Not expected to be sensitive.

Special Protective Equipment and Precautions for Firefighters: Wear self-contained breathing apparatus with a full facepiece and protective clothing.

Section 6 – Accidental Release Measures

Environmental Precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform local authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and Materials for Containments and Cleaning up: Do not inhale vapors, mist or gas. Ensure adequate ventilations. Stop leak if without risk. Move containers from spill area. Contain and collect spillage with non-combustible, absorbent material e.g. sand, vermiculate or diatomaceous earth and place in container for disposal according to local regulations (see Section 13).

Section 7 – Handling and Storage

Precautions For Safe Handling: Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Do not ingest. Keep in original container or an approved alternative made from compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Conditions for Safe Storage: Store container with product in cool and well-ventilated area. Container that have been opened must be with lids and kept upright to prevent leakage. Do not store in unlabeled containers.

Section 8– Exposure Controls/personal protection

Engineering Controls: Good general ventilation should be sufficient to keep exposures at acceptable level.

Respiratory Protection: Not normally required if used with good general ventilation. Avoid breathing vapor or mist.

Eye protection: Wear chemical goggles.

Skin Protection: Wear Impervious (rubber, nitrile) gloves.

Work Hygienic Practices: The usual precautions for the handling of chemicals must be observed. When using, do not eat, drink or smoke. Always wash hands before eating, drinking, and or smoking. Regularly wash work clothing to remove contaminations.

Section 9– Physical and Chemical Properties

Appearance:	Clear purple liquid.
Odor:	Mild
Specific Gravity (H2O = 1):	1.03
Solubility in Water:	Soluble
Boiling Point (deg. C):	100
Freezing Point (deg. C)	0
Percent Volatile:	>90
Vapor Density:	Not available
Vapor Pressure:	Not available
Evaporation Rate:	Not available
pH:	8

Section 10 – Stability and Reactivity

Chemical stability: Material is stable under normal conditions.

Thermal stability: Stable

Incompatible Materials: Oxidizers, alkalies, acids.

Hazardous Decomposition Products: Thermal decomposition may yield oxides of carbon, hydrocarbons, oxygen.

Hazardous Polymerization: Will not occur.

Section 11 – Toxicological Information

Information on likely routes of exposure: **Eyes - irritation**, watering, redness and stinging, possible corneal damage. **Skin** - Causes moderate irritation. **Ingestion** - Causes gastro-intestinal irritation and pain, nausea, vomiting and diarrhea. **Inhalation** - Excessive exposure may cause irritation to upper respiratory tract.

Acute toxicity - Formulation: LD50 Oral/rat> 2,000 mg/kg; LD50 Drml/rabbit > 2,000 mg/kg. LC50 Inhalation/rat> 20,000 ppm.

		LD50 Oral/rat	LD50 Drml/rabbit	LC50 Inhalation/rat
Ingredient	CAS #			
Alcohols, C9-11, ethoxylated	68439-46-3	>2,000 mg/kg	>2,000 mg/kg	Not Available
Sodium gluconate	527-07-1	>2,000 mg/kg	Not Available	Not Available
Cocamidopropylamine Oxide	68155-09-9	4,350 mg/kg	>2,000 mg/kg	Not Available

Skin Corrosion/Irritation: Not Applicable.

Serious Eye Damage/Irritation: Strong eye irritant.

Respiratory or Skin Sensitization: Not classified as respiratory or skin sensitizer.

Germ Cell Mutagenicity: Not Applicable.

Carcinogenicity: Doesn't contain any ingredient known to IARC, OSHA, NTP or ACGIH at reportable level.

Reproductive Toxicity: Not Applicable.

Specific Target Organ Toxicity (single exposure): Not Applicable

Specific Target Organ Toxicity (repeated exposure): Not Applicable

Aspiration Hazard: Not Applicable.

Reproductive Toxicity: Not Applicable.

Section 12 – Ecological Information

Ecotoxicity: No data is available on the degradability of this product. This product is not expected to be harmful to aquatic life based on ingredient information.

Section 13 – Disposal Considerations

Waste Disposal of Substance: Do not discharge into drains/surface waters/groundwaters. Dispose of in accordance with national, state and local regulations.

Container disposal: The packaging must not be re-used. Dispose of in accordance with national, provincial, state and local regulations.

Section 14 – Transport Information

TDG, DOT: Not classified as Dangerous Good under transport regulations.

Section 15 – Regulatory Information

Canada : This product is Hazardous chemical per HPR/WHMIS 2015 .

Canadian Domestic Substance List (DSL): All ingredients are listed.

US Federal Regulations: This product is a hazardous chemical as defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200

Toxic Substance Control Act (TSCA): All ingredients are listed.

Section 16 – Other Information, Including Date of Preparation

Issue Date: June 4, 2016

Reason for Revision: New formulation.

Prepared by: Qwatro Lab Group

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