

AquaLayer
3450 El Camino Real #111
Santa Clara, CA USA 95051

In Case of Emergency, Call
Information: 1-408-216-7901
CHEMTREC: 18004249300

1. CHEMICAL IDENTIFICATION

Product Name: G-Away Bottle Cleaner
 Active Ingredient (%): Citric Acid 10%
 EPA Registration #: 91959
 Recommended Use: Bottle Cleaner

2. HAZARDS IDENTIFICATION

GHS Classification: Serious eye damage/ey irritation Category 2A H319

Health: Mild skin irritant. Severe eye irritant.

Environmental: Do not contaminate water when cleaning equipment or disposing of equipment wash-waters or rinsate.

Physical: None.

Unclassified: None.

PICTOGRAMS:



Signal Word: WARNING

Hazard Statements : H319: Causes serious eye irritation

Precautionary Statements: P264 – Wash exposed skin thoroughly after handling
 P280 – Wear eye protection
 P305+P351+P338 – If in eyes – Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313 – If eye irritation persists – Seek medical advice/attention

3. COMPOSITION/INFORMATION ON INGREDIENTS

Material	% by weight	CAS#	OSHA PEL
Citric Acid	10.0%	77-92-9	None Established
Sea Salt	20.0%	8028-77-1	None Established

Other Ingredients 70.0%

None Established

4. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with water for 15 minutes. If wearing contact lenses, remove them after the first 5 minutes and then continue rinsing eye. Seek medical attention if irritation persists.

Inhalation: Move person to fresh air. If person is not breathing, give artificial respiration. Call poison control center for further treatment advice.

Ingestion: Rinse mouth with water and drink plenty of water. Do not drink milk or alcoholic beverages. Do not give anything by mouth to an unconscious person. Seek medical attention.

Dermal Contact: Take off contaminated clothing. Rinse immediately with plenty of water for 15-20 minutes. Call a poison control center for treatment advice if irritation persists.

Physician's Information: Provide this document to the doctor or treatment facility if such aid is needed.

5. FIRE FIGHTING MEASURES

Flash Point: ca. 653° F (345° C)

Extinguishing Media: Water, foam

Procedures: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Consider dust explosion hazard.

6. ACCIDENTAL RELEASE MEASURES

Absorbent Materials: Universal absorbent pads.

Containment: Clean up waste without creating dust.

Waste Disposal: Vacuum or sweep contaminated absorbent material into suitable container. Seal container and dispose of all contaminated waste material in municipal land fill or through Licensed TSDF. Not an RCRA hazardous waste.

7. HANDLING AND STORAGE

Storage Conditions: Keep container tightly closed and dry. Store at a temperature of 50°-86° F (10°-30° C)

Special Handling: Avoid contact with skin and eyes. Do not eat or drink in the application area.

Considerations: Avoid cross contamination. Always wash hands thoroughly after handling pesticides and before eating, drinking, or smoking. Clean water should be available to rinse eyes and skin in case of chemical exposure.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use in adequately ventilated areas.

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Eye Protection: ANSI approved chemical goggles or safety glasses with side shields are recommended.

Respiratory Protection: None likely to be needed but in case of dust or aerosol formation, use a respirator

with an approved filter.

Dermal Protection: Chemical resistant gloves, long sleeves, pants, shoes with socks.

Other Precautions: Clean water should be available to rinse eyes and skin in case of chemical

exposure. Wash thoroughly after handling. Remove and wash clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES	
Odor: Physical State: Color: Vapor Pressure:	None Granular, Powder. White. Not established.
Bulk Density: Viscosity: Melting Point: Flash Point:	1.665 g/cm ³ at 18°C N/A ca. 153°C ca. 345°C (closed cup)
Specific Gravity: pH: Water solubility: Refractive Index:	0.976 (g/ml) ca. 1.8 (ca.50/g/l, 25°C) ca. 750 g/l (20°C) Not established.
10. STABILITY AND REACTIVITY	

STABILITY AND REACTIVITY

Flash Point: Will not flash.
Lower: Not applicable.
Flammability: Not applicable.
Limit:
Upper:
Flammability:
Limit:

Hazardous: Will not occur.
Polymerization: May release irritating and toxic gases due to
Decomposition: thermal decomposition.
Products: Products of combustion include cyanide, CO,
and CO₂.

Conditions to Avoid: Stable under normal storage conditions. Avoid
exposure to extreme heat.
Incompatible Materials: Strong acids and bases. Strong oxidizing
agents.
Thermal Decomposition: Decomposes on heating. Potential for
exothermic hazard.
Hazardous Reactions: Dust may form explosive mixture in air.

11. TOXICOLOGICAL DATA

Routes of Exposure: Dermal, eye, inhalation.
Skin Contact: Mild skin irritation. (Rabbit, OECD Test Guideline 404, 72 hour)
Eye Contact: Severe eye irritation (Rabbit, OECD Test Guideline 405, 72 hour)

Inhalation:	May cause nasal or respiratory irritation.
Oral LD ₅₀ :	3,000 mg/kg
Carcinogenicity:	* IARC: Group 3 (not carcinogenic)
Teratogenicity:	Not a teratogen.
Genotoxicity in vitro:	Not a Mutagenic (Ames Test)
Genotoxicity in vivo:	Not Genotoxic (Rat)
Reproductive Effects:	None.

12. ECOLOGICAL DATA

Toxicity to Fish:	Leuciscus idus (Golden orfe) LC50 (96 h) >440-760 mg/l
Toxicity to daphnia & Other aquatic invertebrates:	Daphnia magna (Water Flea) EC50 (72 h) ca. 120 mg/l
Toxicity to algae:	Scenedesmus quadricauda (Green algae) EC50 (7 d) 640 mg/l
Toxicity to bacteria:	Pseudomonas putida EC50 > 10,000 mg/l
Biodegradability:	Readily biodegradable. 98% (2 d) (OECD Test Guideline 302B)

13. DISPOSAL CONSIDERATION

Pesticide Disposal: waterways or	Do not dispose of waste into septic. Do not contaminate ponds, ditches with chemical or used container. Offer surplus and non-recyclable solutions to a licensed disposal company.
Container Disposal: disposal unused	Do not re-use empty containers. Call your local solid waste agency for instructions. Unless otherwise instructed, place in trash. Never pour product down the drain or on the ground.

14. TRANSPORTION DATA

DOT:	Not Regulated.
TDG:	Not dangerous goods.
IATA:	Not dangerous goods.
IMDG:	Not dangerous goods.

15. REGULATORY DATA

OSHA Hazards:	Mild skin irritant. Severe eye irritant.
SARA 311/312 Hazards: (emergency planning) Section 302/EHS RQ:	Acute Health Hazard. No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
Section 313:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (DE Minimis) reporting levels established by SARA Title III, Section 313.

