

SAFETY DATA SHEET

29GFR1910/1200 and GHS Rev. 3

SDS No: G1056

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Alkaline Ionized Water

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Company Identification: E Plan Magic Water USA, Inc.
2801 El Camino Real
Redwood City, CA 94061

Tel: 415-840-0557

Email: info@eplanmagicwater.com

Website: www.eplanmagicwater.com

24 Hr. Emergency Telephone Number: 415-840-0557

Product Name: Alkaline Ionized Water

To Request and SDS: info@eplanmagicwater.com

Trade Name: GLIM

Synonyms: Super Alkaline Ionized Water, Hydroxyl or OH-

Manufacturer/Supplier: E Plan International/E Plan Magic Water USA, Inc.

Recommended uses of the product: Multi-Purpose Cleaner, Degreaser, and Deodorizer useful for Kitchen & Bathroom, Countertops, Floors, Sidewalks, Glass, Clothes, Dishes, Jewelry, Toys, Vegetables & Fruits, Pets, Engines, Rims, Tools, Metal Parts & Equipment and many other applications.

Uses Advised Against: Prolonged contact (more than 30 seconds) with aluminum, chrome, brass, bronze, copper, lead, tin, zinc or other alkali sensitive metals or alloys as well as wooden furniture is not recommended, as this product may discolor these surfaces.

SECTION 2 — HAZARDS IDENTIFICATION

OSHA REGULATORY STATUS: This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

EMERGENCY OVERVIEW:

Physical State: Liquid
Color: Colorless
Odor: Odorless
Appearance: Clear, water like liquid
Extreme Hazardous Property: None
Toxicity: None
Environmental impact: No impact on aquatic environment
Hazardous Physical and Chemical Properties: None
Name of Classification: Not applicable
Signal Word: Not applicable

GHS CLASSIFICATION:

GHS: Physical Hazards: Not Corrosive to Metals

GHS: Contact Hazard – Skin: Not hazardous. Wipe off with cloth.

GHS: Contact Hazard – Eye: May cause very mild eye irritation. Immediately flush eyes with normal water, takeoff contact lenses, and see a physician if necessary.

GHS: Sensitization Hazard: Not classified as a skin sensitizer per GHS criteria.

GHS: Inhalation: Not harmful if inhaled

GHS: Oral: Not harmful if swallowed, however drink plenty of water as a precaution and see a physician if diarrhea is severe.

GHS: Target Organ Toxicity (Single Exposure): Does not cause respiratory tract irritation

GHS: Carcinogenicity: Not classified as a carcinogen per GHS criteria. This product is not classified as a carcinogen by NTP, IARC or OSHA.

GHS: Hazardous to Aquatic Environment: Not harmful to aquatic life

GHS - Precautionary Statement(s) – Storage: Store in plastic or glass container. Avoid excessive sunlight

GHS - Precautionary Statement(s) – Prevention: There are no known conditions to avoid

GHS - Precautionary Statement(s) – Response: If eye irritation occurs, immediately flush contaminated eyes with a directed stream of water for as long as needed. Remove contact lenses, and contact a doctor/physician if irritation persists.

GHS - Precautionary Statement(s) – Disposal: Dispose of contents and container in accordance with applicable local, regional, national, and/or international regulations

Hazards Not Otherwise Classified (HNOC): None known

Unknown Acute Toxicity: Not applicable

GHS Symbol: Not applicable

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Composition: Mixture

Chemical Name & Common name: Hydroxyl, Alkaline Ionized Water

Component	%	Chemical Formula	ENCS# ISHL#	CAS#
Potassium Hydroxide	.17	KOH	1-369 N/A	1310-58-3
Other Component:	99.83	Reverse Osmosis Filtered Water (H ₂ O)		

Designated material specified in paragraph (1) of Article 25-2 of Industrial Safety and Health Act

Hazardous Ingredients: None

PRTR: N/A

SECTION 4 — FIRST AID MEASURES

Ingestion: If swallowed by accident drink plenty of water as tolerated as a precaution. If you feel unwell, contact poison control center or a doctor/physician immediately.

Note: *Never give anything by mouth to an unconscious or convulsive person. If vomiting occurs spontaneously, keep airway clear.*

Skin Contact: If skin irritation occurs, immediately flush contaminated areas with water. Remove contaminated clothing, jewelry and shoes. Wash contaminated areas with tap water.

Eye Contact: If eye irritation occurs, immediately flush contaminated eyes with a directed stream of water for as long as needed. Remove contact lenses, and continue rinsing. GET MEDICAL ATTENTION IMMEDIATELY if irritation persists.

Inhalation: Not hazardous if inhaled

Specific Treatment: None

Acute Symptoms/Effects: None known

Interaction with Other Chemicals Which Enhance Toxicity: None known

Medical Conditions Aggravated by Exposure: None known

SECTION 5 — FIRE FIGHTING

Fire Hazard: None

Extinguishing Media: Any means suitable for extinguish and surrounding fire

Fire Fighting: Not applicable

Hazardous Combustion Products: None

Sensitivity to Mechanical Impact: Not sensitive

Sensitivity to Static Discharge: Not sensitive

Lower Flammability Level (air): Not flammable

Upper Flammability Level (air): Not flammable

Flash point: Not flammable

Auto-ignition Temperature: No information available

GHS: Physical Hazards: Not applicable

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with eyes or mouth

Methods and Materials for Containment and Cleaning Up: Wipe up solution with absorbent material. Flush spill area with water if appropriate.

Environmental Precautions: do not dispose directly down the drain or in waterways.

Safe Handling: Collect material into a container with suction machines. Neutralize the residue with acid solution.

SECTION 7 — HANDLING AND STORAGE

Handling

Technical Precautions: Avoid contact with eyes and mouth

Physical Precautions: Not applicable

Safe Handling: Not applicable

Storage

Safe Storage Conditions: Store and handle in accordance with all current regulations and standards. Keep container tightly closed and properly labeled. Store in a cool, ventilated, dry area indoors. Store above freezing. Keep from exposure to direct sunlight. Alkaline ionized water should not be stored with acid water.

Incompatibilities/ Materials to Avoid: Prolonged contact with aluminum, brass, bronze, copper, lead, tin, zinc or other alkali sensitive metals or alloys as well as wood furniture that are stained may cause slight discoloration.

GHS: Physical Hazards: Not applicable

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Facilities: It is advisable to handle in the facility equipped with local or general exhaust ventilation system

Chemical Name: Hydroxyl or OH⁻

Concentration: Not established

Acceptable Concentration: 0.17% (Potassium Carbonate)

Personal Protective Equipment:

Hands: Use rubber gloves, if sensitive or allergic to Alkaline Ionized Water

Eyes: It is recommended to wear protective eyewear, if sensitive or allergic to Alkaline Ionized Water

Skin and Physical Protection: Recommend Long sleeve, Long pants, (no specific material)

Sanitary Precautions: Wash hands and face after handling

Regulatory Exposure Limit(s): This product does not contain any components that have non-regulatory occupational exposure limits (OEL's). OEL: Occupational Exposure Limit; OSHA: United States Occupational Safety and Health Administration; PEL: Permissible Exposure Limit; TWA: Time Weighted Average; STEL: Short Term Exposure Limit

Nonregulatory Exposure Limit(s): None

The American Conference of Governmental Industrial Hygienists (ACGIH) is a voluntary organization of professional industrial hygiene personnel in government or educational institutions in the United States. The ACGIH develops and publishes recommended occupational exposure limits each year called Threshold Limit Values (TLVs) for hundreds of chemicals, physical agents, and biological exposure indices.

Engineering Controls: None required

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical Properties

Appearance: Liquid

Color: Colorless

Odor: Odorless

Odor Threshold [ppm]: Not applicable

pH: 12.5 to 13.1 +/- .5

Flash point: Not applicable

Boiling Point/Range: 212 °F (100 °C)

Freezing Point/Range: 32 °F (0 °C)

Melting Point/Range: 32 °F (0 °C)

Vapor Pressure: Not applicable

Vapor Density (air=1): 1.0 (25C)

Density: Not applicable

Bulk Density: Not applicable

Water Solubility: 100% soluble

Solubility Insolvent: Not applicable

Volatility: No data available

Evaporation Rate (ether=1): No data available

Partition Coefficient (n-octanol/water): No data available

Flammability (solid, gas): Not flammable

Lower Flammability Level (air): Not flammable

Upper Flammability Level (air): Not flammable

Auto-ignition Temperature: Not applicable

Viscosity: No data available

SECTION 10 — STABILITY AND REACTIVITY

Reactivity: Not reactive under normal temperatures and pressures

Chemical Stability: Stable at normal temperatures and pressures

Possibility of Hazardous Reactions: None

Conditions to Avoid (e.g., static discharge, shock, or vibration) None known

Incompatibilities/ Materials to Avoid: Acids, Lime, Prolonged contact with aluminum, brass, bronze, copper, lead, tin, zinc or other alkali sensitive metals or alloys

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur

SECTION 11 — TOXICOLOGICAL INFORMATION

Toxicity Data:

Product Toxicity Data: Super Alkaline Ionized Water (pH 12.5-13.1)

Toxicity Data: Non-toxic

Potential Health Effects:

Eye contact: Eye exposure may cause mild irritation

Skin contact: No adverse effect on skin

Inhalation: Inhalation of this material will NOT cause upper airway irritation

Ingestion: Ingestion of this material will NOT cause oral, esophageal, glottis redness, irritation, ulceration, edema, and stomach and intestinal irritation or burns. Mild diarrhea may occur in some cases.

Chronic Effects: None known

Signs and Symptoms of Exposure: None known

Skin: Skin Corrosion: None known

Eye: Eye Irritation: Exposure to eyes may cause mild irritation

Ingestion (Swallowing): Gastrointestinal System Effects: Non-toxic on ingestion.

Interaction with Other Chemicals Which Enhance Toxicity: None known

GHS Data:

Health Hazard Classification: Not applicable

Oral: None known

Inhalation: None known

Skin: None known

Eye: May cause mild eye irritation

GHS: Sensitization Hazard: Not classified as a skin sensitizer per GHS criteria.

GHS: Carcinogenicity: Not classified as a carcinogen per GHS criteria. This product is not classified as a carcinogen by NTP, IARC or OSHA as well as in Japan for Occupational Health, ACGIH, NTP, and IAR.

Specific Target Organ Toxicity (Single Exposure): Not applicable

Mutagenic Properties: Not classified as a mutagen per GHS criteria.

SECTION 12 — ECOLOGICAL INFORMATION

ECOTOXICITY Data: Aquatic Toxicity: None known

Biodegradation: No impact on the environment

Bioaccumulation Potential: Not applicable

Mutagenic Properties: Not applicable

SECTION 13 — DISPOSAL CONSIDERATIONS

Disposal: Dispose of contents and container in accordance with applicable local, regional, national, and/or international regulations

SECTION 14 — TRANSPORT INFORMATION

International Restrictions

UN classifications: Not applicable

UN number: Not applicable

Special Provisions for Transport: Refer to section 7 entitled Handling and Storage. Be cautious about water leakage, and handle with care not to spill the contents by damaging the container with any kind of impact. Avoid carrying with an acidic materials.

SECTION 15 — REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of The Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.

SECTION 16 — OTHER INFORMATION

For any additional information please contact E Plan Magic Water USA Inc. at: 415-840-0557 or email at: info@eplanmagicwater.com. You may also visit us at: www.eplanmagicwater.com.