

**Safety Data Sheet (SDS) Report****SDS number: P2020020405S1**

Applicant: CY INNOVATIONS VENTURES CORP.  
Unit 10-1 Fort Legend Tower 3rd Ave cor 31st St, Bonifacio Global City,  
Fort Bonifacio Taguig City, Philippines

Issue Date: 2020-03-06

## Sample Description:

The sample information was submitted and identified on client's behalf to be:

Product Name : Alkaline Ionized Water  
Physical State : Liquid  
Data Received : Feb 04, 2020  
Initial Version Date : Feb 13, 2020  
Data Reviewed : Mar 06, 2020

## Service Requested:

Based on the information provided by the applicant, the Safety Data Sheet (SDS) was generated in accordance with requirements of OSHA HazCom Standard (2012), for details please refer to attached pages.

## Authorized By:

On Behalf Of Regulatory Affairs in Intertek Testing Services Ltd., Shanghai



Anna Wang  
Regulatory Consultant

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# Safety Data Sheet



**KURIN**

## Alkaline Ionized Water

CY INNOVATIONS VENTURES CORP.

SDS Number: **P2020020405S1**

Version No:1.1

Issue Date:06/03/2020

According to OSHA HazCom Standard (2012) requirements

GHS.USA.EN

### SECTION 1 IDENTIFICATION

#### Product Identifier

<b>Product name</b>	Alkaline Ionized Water
<b>Other means of identification</b>	Kurin, Kurin Water, Super Ionized Alkaline Water

#### Recommended use of the chemical and restrictions on use

<b>Relevant identified uses</b>	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.
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#### Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

<b>Supplier Name</b>	CY INNOVATIONS VENTURES CORP.
<b>Address</b>	Unit 10-1 Fort Legend Tower 3rd Ave cor 31st St, Bonifacio Global City, Fort Bonifacio Taguig City, Philippines
<b>Telephone</b>	+63 917 113 8362 +63 917 140 9244
<b>Emergency Telephone</b>	+63 917 113 8362 (9:00-18:00 Monday - Saturday) +63 917 140 9244 (9:00-18:00 Monday - Saturday)
<b>Email</b>	mitchie@kurin.ph
<b>Importer Name</b>	
<b>Address</b>	
<b>Telephone</b>	
<b>Email</b>	

#### Emergency phone number

<b>Association / Organisation</b>	
<b>Emergency telephone numbers</b>	
<b>Other emergency telephone numbers</b>	

### SECTION 2 HAZARD(S) IDENTIFICATION

#### Classification of the substance or mixture

Not considered a Hazardous Substance by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). Not classified as Dangerous Goods for transport purposes.

<b>Classification</b>	Not Classified
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#### Label elements

<b>Hazard pictogram(s)</b>	Not Applicable
<b>SIGNAL WORD</b>	<b>NOT APPLICABLE</b>

#### Hazard statement(s)

Not Applicable

#### Hazard(s) not otherwise classified

Not Applicable

#### Supplementary statement(s)

Not Applicable

#### Precautionary statement(s) Prevention

Not Applicable

#### Precautionary statement(s) Response

Not Applicable

#### Precautionary statement(s) Storage

Not Applicable

Continued...

## Alkaline Ionized Water

### Precautionary statement(s) Disposal

Not Applicable

### SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

#### Substances

See section below for composition of Mixtures

#### Mixtures

CAS No	%[weight]	Name
7732-18-5	99.98	RO Water (H2O)
584-08-7	0.02	potassium carbonate

### SECTION 4 FIRST-AID MEASURES

#### Description of first aid measures

<b>Eye Contact</b>	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.
<b>Skin Contact</b>	If skin irritation occurs, immediately flush contaminated areas with water. Remove contaminated clothing, jewelry and shoes. Wash contaminated areas with tap water.
<b>Inhalation</b>	Not hazardous if inhaled
<b>Ingestion</b>	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.

#### Most important symptoms and effects, both acute and delayed

See Section 11

#### Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### SECTION 5 FIRE-FIGHTING MEASURES

#### Extinguishing media

- ▶ There is no restriction on the type of extinguisher which may be used.
- ▶ Use extinguishing media suitable for surrounding area.

#### Special hazards arising from the substrate or mixture

<b>Fire Incompatibility</b>	None known.
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#### Special protective equipment and precautions for fire-fighters

<b>Fire Fighting</b>	<ul style="list-style-type: none"> <li>▶ Use water delivered as a fine spray to control fire and cool adjacent area.</li> <li>▶ <b>Do not</b> approach containers suspected to be hot.</li> </ul>
<b>Fire/Explosion Hazard</b>	<ul style="list-style-type: none"> <li>▶ Non combustible.</li> <li>▶ Not considered a significant fire risk, however containers may burn.</li> </ul>

### SECTION 6 ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

See section 8

#### Environmental precautions

See section 12

#### Methods and material for containment and cleaning up

<b>Minor Spills</b>	<ul style="list-style-type: none"> <li>▶ Clean up all spills immediately.</li> <li>▶ Avoid breathing vapours and contact with skin and eyes.</li> </ul>
<b>Major Spills</b>	<ul style="list-style-type: none"> <li>▶ For major spills, the area must be cleaned and dried with absorbent material.</li> </ul>

Personal Protective Equipment advice is contained in Section 8 of the SDS.

### SECTION 7 HANDLING AND STORAGE

Continued...

## Alkaline Ionized Water

## Precautions for safe handling

<b>Safe handling</b>	Technical Precautions: Avoid contact with eyes and mouth Physical precautions: Not applicable
<b>Other information</b>	Not Applicable

## Conditions for safe storage, including any incompatibilities

<b>Suitable container</b>	PET Bottles, Kraft Pouch
<b>Safe storage Conditions</b>	Stable at normal temperatures and pressures. Container must keep tightly closed and properly labeled. Alkaline ionized water should not be stored with acid water.
<b>Storage incompatibility</b>	Acids, Lime, Wood, Leather and other non-water resistant surfaces, Prolonged contact with aluminum, brass, bronze, copper, lead, tin, zinc or other alkali sensitive metals or alloys and with paint on surface of metals (this may cause discoloration).

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

## Control parameters

## OCCUPATIONAL EXPOSURE LIMITS (OEL)

## INGREDIENT DATA


Not Available

## EMERGENCY LIMITS

Ingredient	Material name	TEEL-1	TEEL-2	TEEL-3
potassium carbonate	Potassium carbonate	0.55 mg/m3	6 mg/m3	370 mg/m3

Ingredient	Original IDLH	Revised IDLH
All ingredients	Not Available	Not Available

## Exposure controls

<b>Appropriate engineering controls</b>	Engineering controls are not required.
<b>Personal protection</b>	
<b>Eye and face protection</b>	It is recommended to wear protective eyewear if sensitive or allergic to alkaline ionized water.
<b>Skin protection</b>	See Hand protection below
<b>Hands/feet protection</b>	Use rubber gloves if sensitive or allergic with alkaline ionized water.
<b>Body protection</b>	Recommend to wear long sleeves, long pants (no specific material)
<b>Other protection</b>	No special equipment needed when handling small quantities. <b>OTHERWISE:</b> ▶ Overalls.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

## Information on basic physical and chemical properties

<b>Appearance</b>	Colorless Liquid		
<b>Physical state</b>	Liquid	<b>Relative density (Water = 1)</b>	1
<b>Odour</b>	Odourless	<b>Partition coefficient n-octanol / water</b>	Not Available
<b>Odour threshold</b>	Not Available	<b>Auto-ignition temperature (°C)</b>	Not Available
<b>pH (as supplied)</b>	Not Available	<b>Decomposition temperature</b>	Not Available
<b>Melting point / freezing point (°C)</b>	0	<b>Viscosity (cSt)</b>	Not Available
<b>Initial boiling point and boiling range (°C)</b>	100	<b>Molecular weight (g/mol)</b>	Not Available
<b>Flash point (°C)</b>	Not Available	<b>Taste</b>	Not Available
<b>Evaporation rate</b>	Not Available	<b>Explosive properties</b>	Not Available
<b>Flammability</b>	Not Available	<b>Oxidising properties</b>	Not Available
<b>Upper Explosive Limit (%)</b>	Not Available	<b>Surface Tension (dyn/cm or mN/m)</b>	Not Available

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## Alkaline Ionized Water

<b>Lower Explosive Limit (%)</b>	Not Available	<b>Volatile Component (%vol)</b>	Not Available
<b>Vapour pressure (kPa)</b>	Not Available	<b>Gas group</b>	Not Available
<b>Solubility in water</b>	100% soluble	<b>pH as a solution (1%)</b>	Not Available
<b>Vapour density (Air = 1)</b>	Not Available	<b>VOC g/L</b>	Not Available

### SECTION 10 STABILITY AND REACTIVITY

<b>Reactivity</b>	See section 7
<b>Chemical stability</b>	Product is considered stable and hazardous polymerisation will not occur.
<b>Possibility of hazardous reactions</b>	See section 7
<b>Conditions to avoid</b>	See section 7
<b>Incompatible materials</b>	See section 7
<b>Hazardous decomposition products</b>	See section 5

### SECTION 11 TOXICOLOGICAL INFORMATION

#### Information on toxicological effects

<b>Acute Toxicity</b>	potassium carbonate Oral (rat) LD50: >2000 mg/kg[1]
<b>Skin Irritation/Corrosion</b>	Based on available data, the classification criteria are not met.
<b>Serious Eye Damage/Irritation</b>	Based on available data, the classification criteria are not met.
<b>Respiratory or Skin sensitisation</b>	Based on available data, the classification criteria are not met.
<b>Mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductivity</b>	Based on available data, the classification criteria are not met.
<b>STOT - Single Exposure</b>	Based on available data, the classification criteria are not met.
<b>STOT - Repeated Exposure</b>	Based on available data, the classification criteria are not met.
<b>Aspiration Hazard</b>	Based on available data, the classification criteria are not met.
<b>Legend:</b>	1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2.* Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances

### SECTION 12 ECOLOGICAL INFORMATION

#### Toxicity

<b>Alkaline Ionized Water</b>	Based on available data, the classification criteria are not met.
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#### Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
	No data available for all ingredients	No data available for all ingredients

#### Bioaccumulative potential

Ingredient	Bioaccumulation
	No data available for all ingredients

#### Mobility in soil

Ingredient	Mobility
	No data available for all ingredients

### SECTION 13 DISPOSAL CONSIDERATIONS

#### Waste treatment methods

<b>Product / Packaging disposal</b>	<ul style="list-style-type: none"> <li>▶ <b>DO NOT</b> allow wash water from cleaning or process equipment to enter drains.</li> <li>▶ It may be necessary to collect all wash water for treatment before disposal.</li> </ul>
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## Alkaline Ionized Water

- ▶ Recycle wherever possible.
- ▶ Consult manufacturer for recycling options or consult local or regional waste management authority for disposal if no suitable treatment or disposal facility can be identified.
- ▶ Alkaline ionized water residue must be collected and neutralize with acid solution

### SECTION 14 TRANSPORT INFORMATION

<b>Marine Pollutant</b>	NO
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**Land transport (DOT): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS**

**Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS**

**Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS**

**Transport in bulk according to Annex II of MARPOL and the IBC code**

Not Applicable

### SECTION 15 REGULATORY INFORMATION

**Safety, health and environmental regulations / legislation specific for the substance or mixture**

**RO WATER (H2O) IS FOUND ON THE FOLLOWING REGULATORY LISTS**

US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory

US TSCA Chemical Substance Inventory - Interim List of Active Substances

**POTASSIUM CARBONATE IS FOUND ON THE FOLLOWING REGULATORY LISTS**

US DOE Temporary Emergency Exposure Limits (TEELs)

US TSCA Chemical Substance Inventory - Interim List of Active Substances

US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory

#### Federal Regulations

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**SECTION 311/312 HAZARD CATEGORIES**

Flammable (Gases, Aerosols, Liquids, or Solids)	No
Gas under pressure	No
Explosive	No
Self-heating	No
Pyrophoric (Liquid or Solid)	No
Pyrophoric Gas	No
Corrosive to metal	No
Oxidizer (Liquid, Solid or Gas)	No
Organic Peroxide	No
Self-reactive	No
In contact with water emits flammable gas	No
Combustible Dust	No
Carcinogenicity	No
Acute toxicity (any route of exposure)	No
Reproductive toxicity	No
Skin Corrosion or Irritation	No
Respiratory or Skin Sensitization	No
Serious eye damage or eye irritation	No
Specific target organ toxicity (single or repeated exposure)	No
Aspiration Hazard	No
Germ cell mutagenicity	No
Simple Asphyxiant	No
Hazards Not Otherwise Classified	No

**US. EPA CERCLA HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES (40 CFR 302.4)**

None Reported

#### State Regulations

**US. CALIFORNIA PROPOSITION 65**

None Reported

### SECTION 16 OTHER INFORMATION

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**Alkaline Ionized Water**

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**Other information**

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

**Definitions and abbreviations**

PC—TWA: Permissible Concentration-Time Weighted Average  
PC—STEL: Permissible Concentration-Short Term Exposure Limit  
IARC: International Agency for Research on Cancer  
ACGIH: American Conference of Governmental Industrial Hygienists  
STEL: Short Term Exposure Limit  
TEEL: Temporary Emergency Exposure Limit.  
IDLH: Immediately Dangerous to Life or Health Concentrations  
OSF: Odour Safety Factor  
NOAEL :No Observed Adverse Effect Level  
LOAEL: Lowest Observed Adverse Effect Level  
TLV: Threshold Limit Value  
LOD: Limit Of Detection  
OTV: Odour Threshold Value  
BCF: BioConcentration Factors  
BEI: Biological Exposure Index