



**MATERIAL SAFETY DATA SHEET**  
Carbonate Hardness KH TEST  
Version No: 2.0.1

**Product Name:** Carbon Hardness KH Test  
**Product ID:** 96019

**Revised:** 12/31/2024

**SECTION 1**

**PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** Carbonate Hardness KH TEST

**PRODUCT NO.:** 96019

**1.2. Relevant identified uses of the substance or mixture and uses** Recommended uses: Water quality test kit for ornamental aquariums

**COMPANY INFORMATION:** Aquascape Inc.  
901 Aqualand Way  
St. Charles, IL 60174  
Tel.: 866-877-6637  
Fax: 630-659-2100

**Emergency Telephone Numbers - 24 Hour International**

**In the U.S.A:** 800-255-3924  
**International Emergency:** 813-248-0585

**SECTION 2**

**HAZARDS IDENTIFICATION**

**CLASSIFICATION:** The product shall not be classified as hazardous according to the classification rules for substance and mixture.

**POTENTIAL HEALTH EFFECTS:**

**EYES:** May cause slight eye irritation with redness and swelling

**SKIN:** May cause skin irritation

**INHALATION** May cause irritation to mucous membranes

**INGESTION** Ingestion in large doses may cause nausea and vomiting

**LABEL ELEMENTS:** The product shall not be classified as hazardous according to the labeling rules for substance and mixture.

**OTHER HAZARDS:** None

**SECTION 3****COMPOSITION / INFORMATION ON INGREDIENTS****HAZARDOUS INGREDIENTS  
COMPONENTS:**

The product is a mixture containing following ingredients: Hydrochloric acid (CAS No.7647-01-0) 0.2%, Water (CAS No.7732-18-5) 99.8%.

**SECTION 4****FIRST-AID MEASURES****SKIN:**

Wash off with soap and plenty of water. Consult a physician.

**EYES:**

Flush eyes with water as a precaution.

**INGESTION:**

Never give anything by mouth to an unconscious person. Rinse mouth with water.

**MOST IMPORTANT SYMPTOMS  
AND EFFECTS, BOTH ACUTE  
AND DELAYED:**

May cause slight irritation to the skin and eyes.

**INDICATION OF ANY IMMEDIATE  
MEDICAL ATTENTION AND  
SPECIAL TREATMENT NEEDED:**

Treat symptoms. No special immediate treatment required.

**SECTION 5****FIRE FIGHTING MEASURES****EXTINGUISHING MEDIA:**

The product is not flammable. For fires, use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

**SPECIAL HAZARD ARISING FROM  
THE SUBSTANCE OR MIXTURE:**

The product decomposes when combusted, without forming toxic substance.

**ADVICE FOR FIREFIGHTERS:**

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

**SECTION 6****ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS:**

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

**ENVIRONMENTAL PRECAUTIONS:**

Rinse spilled product to dilute areas of direct contact.

**METHODS FOR CLEANING UP:**

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal

**REFERENCE TO OTHER SECTIONS:**

See section 13 for instructions on disposal. See section 8 for type of protective equipment.

## SECTION 7

### HANDLING AND STORAGE

<b>HANDLING:</b>	Wash thoroughly after handling Avoid contact with eyes and clothing Avoid ingestion and inhalation Use with adequate ventilation
<b>STORAGE:</b>	Store in a cool and well-ventilated place Keep container tightly closed in a dry and well-ventilated place
<b>SPECIFIC END USE(S):</b>	None

## SECTION 8

### EXPOSURE CONTROL / PERSONAL PROTECTION

<b>CONTROL PARAMETERS:</b>	The product contains no substance with occupational exposure limit values.
<b>EXPOSURE CONTROLS:</b>	The package integrity for the substance, including the exteriors and functions of plastic bottle and closure shall be ensured during the logistics.

## SECTION 9

### PHYSICAL AND CHEMICAL PROPERTIES

<b>PHYSICAL STATE:</b>	Liquid
<b>COLOR:</b>	Orange Liquid
<b>ODOR:</b>	Odourless
<b>ODOR THRESHOLD:</b>	Not available
<b>PH:</b>	1.20 ~ 1.45
<b>MELTING POINT/FREEZING POINT:</b>	Not available
<b>INITIAL BOILING POINT AND BOILING RANGE:</b>	Not available
<b>FLASH POINT:</b>	Not available
<b>EVAPORATION RATE:</b>	Not available
<b>FLAMMABILITY:</b>	Not available

<b>UPPER EXPLOSIVE LIMIT:</b>	Not available
<b>LOWER EXPLOSIVE LIMIT:</b>	Not available
<b>VAPOR PRESSURE:</b>	Not available
<b>VAPOR DENSITY:</b>	Not available
<b>RELATIVE DENSITY:</b>	Not available
<b>SOLUBILITY:</b>	Soluble in water
<b>AUTO-IGNITION TEMPERATURE:</b>	Not available
<b>DECOMPOSITION TEMPERATURE:</b>	Not available
<b>VISCOSITY:</b>	Not available
<b>EXPLOSIVE PROPERTIES:</b>	Not available
<b>OXIDIZING PROPERTIES:</b>	Not available

## SECTION 10

### STABILITY AND REACTIVITY

<b>REACTIVITY:</b>	Not available
<b>CHEMICAL STABILITY:</b>	Not available
<b>POSSIBILITY OF HAZARDOUS REACTIONS:</b>	Not available
<b>CONDITIONS TO AVOID:</b>	Not available
<b>INCOMPATIBLE MATERIALS:</b>	Not available
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Not available

## SECTION 11

### TOXICOLOGICAL INFORMATION

<b>ACUTE TOXICITY:</b>	
<b>ORAL:</b>	May be harmful if swallowed
<b>DERMAL:</b>	May be harmful if absorbed through skin
<b>INHALATION:</b>	May be harmful if inhaled
<b>SKIN CORROSION/IRRITATION:</b>	Not available
<b>SERIOUS EYE DAMAGE/IRRITATION:</b>	Direct contact may cause eye irritation. Direct contact may cause skin irritation.
<b>RESPIRATORY OR SKIN SENSITIZATION:</b>	Not available
<b>GERM CELL MUTAGENICITY:</b>	Not available
<b>CARCINOGENICITY:</b>	Not available
<b>REPRODUCTIVE TOXICITY:</b>	Not available

**STOT-SINGLE EXPOSURE:** Not available  
**STOT-REPEATED EXPOSURE:** Not available  
**ASPIRATION HAZARD:** Not available  
**INFORMATION ON OTHER HAZARDS:**

**ENDOCRINE DISRUPTING PROPERTIES:** Not available  
**OTHER TOXICOLOGICAL EFFECTS:** Not available

## SECTION 12

### ECOLOGICAL INFORMATION

**TOXICITY:** Not available  
**PERSISTENCE AND DEGRADABILITY:** Not available  
**BIOACCUMULATIVE POTENTIAL:** Not available  
**MOBILITY IN SOIL:** Not available  
**RESULTS OF PBT AND vPVB ASSESSMENT:** Not available  
**ENDOCRINE DISRUPTING PROPERTIES:** Not available  
**OTHER ADVERSE EFFECTS:** Not available

## SECTION 13

### DISPOSAL CONSIDERATIONS

**WASTE TREATMENT METHODS:** Follow all applicable regulations

## SECTION 14

### TRANSPORT INFORMATION

**UN NUMBER OR ID NUMBER:** Not applicable  
**UN PROPER SHIPPING:** Not applicable  
**TRANSPORT HAZARD CLASS(ES)** Not applicable  
**PACKING GROUP:** Not applicable  
**ENVIRONMENTAL HAZARDS:** Not applicable  
**SPECIAL PRECAUTIONS FOR USER:** None  
**MARITIME TRANSPORT IN BULK ACCORDING TO IMO INSTRUMENTS:** Not applicable

## SECTION 15

### REGULATORY INFORMATION

**SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE:** None  
**CHEMICAL SAFETY ASSESSMENT:** Not available

**ABBREVIATIONS:**

<b>PBT:</b>	Persistent, Bioaccumulative and Toxic
<b>vPvB:</b>	Very Persistent and Very Bioaccumulative
<b>STOT:</b>	Specific Target Organ Toxicity

**OTHER INFORMATION:**

This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

**TRAINING ADVICE:**

A thorough knowledge of this safety data sheet shall be a prerequisite condition.

**CLASSIFICATION METHOD:**

Classification based on the hazards of the known components.