



# RETEGO

## Safety Data Sheet pH in Water Test Vial

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### SECTION 1: Identification

#### 1.1 Product identifier

Product name	pH in Water Test Vial
Product number	RET- pH
Brand	RETEGO

#### 1.2 Other means of identification

Clear 3.5ml prepared vial marked "pH"  
Additionally identified with a date and lot stamp and the RETEGO Logo

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

This prepared reagent is designed for use with the RETEGO TTR Spectrometer for the rapid determination of pH in water within the range of 3 to 10 pH units.

#### 1.4 Supplier's details

Name	RETEGO Labs
Address	2320 North 640 West, Suite F West Bountiful, Utah 84087 United States
Telephone	801-209-5460
Fax	
email	Info@retegolabs.com

#### 1.5 Emergency phone number(s)

801-209-5460  
713-485-9509

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### SECTION 2: Hazard identification

#### 2.1 Classification of the substance or mixture

##### GHS classification in accordance with OSHA (29 CFR 1910.1200)

Not a hazardous substance or mixture.

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### 2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

### 2.3 Other hazards which do not result in classification

Not a hazardous substance or mixture.

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

**NOTE:**

No ingredients are Hazardous per OSHA Criteria.

No components are required to be disclosed according to the applicable regulations as of the date this document was produced.

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## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
In case of skin contact	Wash off with soap and plenty of water.
In case of eye contact	Flush eyes with water as a precaution.
If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water.

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## SECTION 5: Fire-fighting measures

### 5.1 Suitable extinguishing media

Use extinguishing media appropriate for surrounding fire.

### 5.2 Specific hazards arising from the chemical

Carbon oxides

### 5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

**Further information**

No Data Available

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## SECTION 6: Accidental release measures

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

Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.

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### 6.2 Environmental precautions

No special environmental precautions required

### 6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

### Reference to other sections

For disposal see section 13.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

For precautions see section 2.2.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

### Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

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## SECTION 8: Exposure controls/personal protection

### 8.2 Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

#### Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

#### Body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### Respiratory protection

Respiratory protection is not required.

#### Thermal hazards

None Known

#### Environmental exposure controls

None Known.

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### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

Appearance/form	Solid
Odor	None
Odor threshold	No Data Available
pH	No Data Available
Melting point/freezing point	No Data Available
Initial boiling point and boiling range	No Data Available
Flash point	No Data Available
Evaporation rate	No Data Available
Flammability (solid, gas)	No Data Available
Upper/lower flammability limits	No Data Available
Upper/lower explosive limits	No Data Available
Vapor pressure	No Data Available
Vapor density	No Data Available
Relative density	No Data Available
Solubility(ies)	No Data Available
Partition coefficient: n-octanol/water	No Data Available
Auto-ignition temperature	No Data Available
Decomposition temperature	No Data Available
Viscosity	No Data Available
Explosive properties	No Data Available
Oxidizing properties	No Data Available

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### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

None under normal use conditions.

#### 10.2 Chemical stability

Stable under recommended storage conditions.

#### 10.3 Possibility of hazardous reactions

No Data Available

#### 10.4 Conditions to avoid

No Data Available

#### 10.5 Incompatible materials

No Data Available

#### 10.6 Hazardous decomposition products

No Data Available

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### SECTION 11: Toxicological information

#### Information on toxicological effects

##### Acute toxicity

No Data Available

##### Skin corrosion/irritation

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No Data Available

### **Serious eye damage/irritation**

No Data Available

### **Respiratory or skin sensitization**

No Data Available

### **Germ cell mutagenicity**

No Data Available

### **Carcinogenicity**

This product is, or contains, a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

### **Reproductive toxicity**

No Data Available

### **Summary of evaluation of the CMR properties**

No Data Available

### **STOT-single exposure**

No Data Available

### **STOT-repeated exposure**

No Data Available

### **Aspiration hazard**

No Data Available

### **Additional information**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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## **SECTION 12: Ecological information**

### **Toxicity**

No Data Available

### **Persistence and degradability**

No Data Available

### **Bioaccumulative potential**

No Data Available

### **Mobility in soil**

No Data Available

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### Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

### Other adverse effects

No Data Available

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## SECTION 13: Disposal considerations

### Disposal of the product

Offer surplus and non-recyclable solutions to a licensed disposal company.

### Disposal of contaminated packaging

Dispose of as unused product.

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## SECTION 14: Transport information

### DOT (US)

Not dangerous goods

### IMDG

Not dangerous goods

### IATA

Not dangerous goods

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## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations specific for the product in question

#### SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

#### SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (DeMinimis) reporting levels established by SARA Title III, Section 313.

#### SARA 311/312 Hazards

No SARA Hazards

#### Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

#### California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

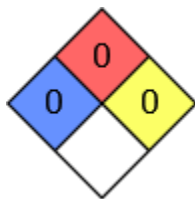
### HMIS Rating

pH in Water, Test Vial	
HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	A

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## pH in Water Test Vial

### NFPA Rating



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## SECTION 16: Other information

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### 16.1 Further information/disclaimer

License granted to make unlimited paper copies for internal use only.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. RETEGO Labs L.L.C. (Wyoming) and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

### 16.2 Preparation information

L. D. Merrill June 27, 2017