

**Acid Water, 1%****1. Identification****Product Name:** Acid Water, 1%**Item #:** SKC1036-500, SKC1036-250, MA0103035**Web****SDS:** S184**Synonyms:** N/A**Recommended Use:** Special Stains**Restrictions on Use:** N/A**Manufacturer:**BBC Biochemical  
409 Eleanor Lane,  
Mount Vernon, WA 98273  
1-800-635-4477**In Case of Emergency:**Chemtec US 1-800-424-9300  
Chemtec International 703-527-3887**2. Hazards Identification****OSHA Hazard Classification(s):**

Acute Toxicity - Inhalation - Category 3

Skin Corrosion - Category 1A

Eye Damage - Category 1

Specific Target Organ Toxicity (single exposure) - Category 1

Specific Target Organ Toxicity (repeated exposure) - Category 1

**Signal Word:** Danger**Hazard Statement(s):** Toxic if inhaled. Causes severe skin burns and eye damage. Causes serious eye damage. Causes damage to organs (teeth). Causes damage to organs (respiratory system) through prolonged or repeated exposure.**Pictogram(s):****Precautionary Statement(s):** Prevention: Avoid breathing dust, vapors. Use only outdoors or in a well-ventilated area. Do not breathe dusts or mists. Wash body thoroughly after handling. Wear protective gloves, protective clothing, eye protection and face protection. Wear eye protection, face protection. Do not breathe dust, vapors. Do not eat, drink or smoke when using this product.

Response: If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a doctor. Specific treatment (see first aid section on this label). If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Take off all contaminated clothing and wash it before reuse. Immediately call a doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue Rinsing If exposed or concerned: Call a doctor. Call a doctor if you feel unwell.

Storage: Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Disposal: Dispose of contents/container in accordance with local regulations.

**Descriptions of Hazards not otherwise classified:** N/A**Percent of mixture with unknown acute toxicity:** N/A**3. Composition and Information on Ingredients**

Chemical Name	Common Name	CAS #	Concentration %
Water		7732-18-5	99
Select Acid(s)		Trade Secret	Less than or equal to 1%

**4. First Aid Measures****Eye Contact:** Corrosive to eyes, causes permanent damage. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.**Skin Contact:** Causes skin burns and permanent damage. If on skin (or hair): Take off immediately all contaminated clothing and



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wash before reuse. Wash with plenty of water. If skin irritation occurs: Get medical advice/attention.

**Inhalation:** Vapor harmful. Remove to fresh air; give artificial respiration if breathing has stopped. Get medical advice/attention if you feel unwell.

**Ingestion:** Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention.

**Symptoms:** irritation eyes, skin, nose, throat; pulmonary edema, bronchitis; emphysema; conjunctivitis; stomatis; dental erosion; eye, skin burns; dermatitis

**Recommendations for immediate medical care/special treatment:** Get medical advice/attention if you feel unwell or have been over-exposed.

### 5. Fire- Fighting Measures

**Extinguishing Media:** Dry chemical, carbon dioxide, alcohol foam, water.

**Fire Hazards (Chemical):** Not flammable or combustible.

**Special Protective Equipment:** Fire fighters should use self-contained breathing apparatus and protective clothing.

**Precautions for Firefighters:** Carbon monoxide and unidentified organic compounds may be formed during combustion.

### 6. Accidental Release Measures

**Emergency Procedures:** Evacuate the area of all unnecessary personnel. Wear suitable protective equipment. Eliminate all sources of ignition and provide ventilation.

**Protective Equipment:** See section 8

**Environmental Precautions:** Prevent release to the environment by using barriers.

**Containment and Clean-Up Procedures:** Use barriers to prevent spreading. Collect spill in container. Call waste authorities.

### 7. Handling and Storage

**Handling:** Do not breathe vapors. Do not eat, drink or smoke when using this product.

**Storage:** Store in a well-ventilated place. Keep container tightly closed. Store locked up.

### 8. Exposure Controls/Personal Protection

#### OSHA Permissible Exposure Limits (PELs):

Reagent	CAS #	OSHA PEL TWA
Sulfuric Acid	7664-93-9	1 mg/m <sup>3</sup> TWA

#### ACGIH Threshold Limit Values (TLVs):

Reagent	CAS #	ACGIH PEL TLV	ACGIH STEL
Sulfuric Acid	7664-93-9	0.2 mg/m <sup>3</sup> TWA (thoracic particulate mass)	

**Engineering Controls:** Use in a well ventilated area to prevent exposure. Maintain eyewash fountain and quick-drench facilities in work areas.

**Personal Protective Measures:** Wear gloves, lab coat, eye protection and impervious footwear. Contact lenses should not be worn when working with this material.

**Special PPE Requirements:** If ventilation hood not available wear respirator.

### 9. Physical and Chemical Properties Section

**Appearance:** Colorless, Colorless Liquid

**Molecular Weight:** N/A

**Molecular Formula:** N/A

**Acid Water, 1%****10. Stability and Reactivity****Reactivity:** N/A**Chemical Stability:** Stable**Conditions of Stability/Instability:****Stabilizers needed:** None**Safety issue indicated by appearance change:** N/A**Other:** N/A**Hazardous Reactions:** N/A**Hazardous Polymerization:** Does not occur**Conditions to avoid:** N/A**Classes of Incompatible Materials:** Oxidizers, Strong Acids, Strong Bases, Amines, most metals.**Hazardous Decomposition Products:** Thermal-oxidation degradation can produce oxides of carbon. Toxic gases and vapors (i.e. Carbon monoxide, sulfur oxides) may be released in a fire.**11. Toxicological Information****Likely Routes of Exposure****Eyes:** Severe irritation and burns.**Skin:** Severe irritation and burns.**Inhalation:** Nose, throat and lung irritation with coughing and severe shortness of breath.**Ingestion:** Nausea, irritation of the throat and stomach lining.**Signs or Symptoms of Exposure:** Nausea.**Effects from short term exposure (delayed, immediate, chronic):** Irritation eyes, skin, nose, throat; pulmonary edema, bronchitis; emphysema; conjunctivitis; stomatis; dental erosion; eye, skin burns; dermatitis.**Acute Toxicity (Numerical Measures):** N/A**Carcinogenicity (NTP, IARC, OSHA):** Strong inorganic mists containing Sulfuric Acid cause cancer of the larynx in humans. Acid mist IARC Group 1.**12. Ecological Information****Ecotoxicity:** Toxicity to fish: LC50 *Gambusia affinis* (Mosquito Fish) - 42 mg/L - 96hr**Persistence and degradability:****Bioaccumulation Potential (octanol-water partition coefficient, BCF):****Mobility in the soil:****Adverse Environmental Effects:****13. Disposal Considerations****Recommended Disposal Containers:** Check with your local waste authorities\***Recommended Disposal Methods:** Do not dispose of in drains, check with your local waste authorities.\***Physical/Chemical Properties affecting Disposal:** See section 2 and section 9 applicable information.\***Special Precautions for Landfill and Incineration Activities:** Check with your local waste authorities.\***Waste Stream:** Consult your local or regional authorities.\***14. Transport Information****UN Number:****UN Proper Shipping Name:****Transport Hazard Class(es):****Packing Group Number:****Environmental Hazards (IMDG code):****Marine Pollutant:****Transport in Bulk (IBC Code):**



# Safety Data Sheet

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Special Transport Precautions:

### 15. Regulatory Information

OSHA:

DOT:

EPA:

CPSC:



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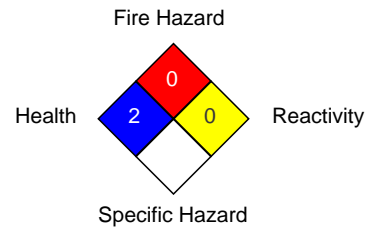
### 16. Other Information

Revision Date: 01/13/2015

#### NFPA

Health	2
Fire Hazard	0
Reactivity	0
Specific Hazard	

National Fire Protection Association (USA) NFPA



#### HMIS

Health	2
Flammability	0
Physical Hazard	0
Personal Protection	

Hazardous Material Information System HMIS

Health	2
Flammability	0
Physical Hazard	0
Personal Protection	

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