

**pH Lift**

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**Emergency Number:** 816-842-5936 or 816-891-6671

**Effective Date:** October 9, 2005

**1. PRODUCT IDENTIFICATION**

Commercial Product Name: **pH Increaser**

Manufactured for CassCo Products, Inc.

Description: Freshwater aquarium and pond water clarifier.

Chemical Family: Aqueous solution of metal salts and flocculants.

**2. PRODUCT COMPOSITION**

**Composition:**

**Name, CAS #, % Bby Weight**

Water, 7732-18-5, 75-90%

Sodium sesquicarbonate, 533-96-0 100, 10-25%

**Toxicological Data on Ingredients:** Not available.

**3. HAZARDS IDENTIFICATION**

**Potential Acute Health Effects:**

Skin contact (mild irritant) or ingestion. Hazardous in case of eye contact (mild irritant)

**Potential Chronic Health Effects:**

CARCINOGENIC EFFECTS: Not available.

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available.

Repeated or prolonged exposure is not known to aggravate medical condition.

**4. FIRST AID MEASURES**

**Eye Contact:** Check for and remove any contact lenses. Flush eyes with running water for at least 15 minutes. Do not use an eye ointment. Seek medical attention.

**Skin Contact:**

After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin.

Cover the irritated skin with an emollient. If irritation persists, seek medical attention.

**Ingestion:**

Give plenty of water or milk.

**5. FIRE & EXPLOSION DATA**

**Flammability of the Product:** Non-flammable.

**Auto-Ignition Temperature:** Not applicable.

**Flash Points:** Not applicable.

**Flammable Limits:** Not applicable.

**Products of Combustion:** Not available.

**Fire Hazards in Presence of Various Substances:** Not applicable.

**Explosion Hazards in Presence of Various Substances:**

Risks of explosion of the product in presence of mechanical impact: Not available.

Risks of explosion of the product in presence of static discharge: Not available.

**Fire Fighting Media and Instructions:** Not applicable.

**Special Remarks on Fire Hazards:** Not available.

**Special Remarks on Explosion Hazards:** Not available.

## **6. ACCIDENTAL RELEASE MEASURES**

### **Small Spill:**

Soak up with paper or cloth towels. Dispose of paper towels; wash reusable cloth towels.

### **Large Spill:**

Wash with water and allow to evacuate through the sanitary sewer system.

## **7. HANDLING & STORAGE**

### **Precautions:**

Keep container tightly closed when not in use.

### **Storage:**

No specific storage is required. Use shelves or cabinets sturdy enough to bear the weight of the chemicals. Be sure that it is not necessary to strain to reach materials, and that shelves are not overloaded.

## **8. EXPOSURE CONTROLS & PERSONAL PROTECTION**

### **Engineering Controls:**

If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

### **Personal Protection:**

Splash goggles. Lab coat. Gloves.

### **Personal Protection in Case of a Large Spill:**

Splash goggles. Boots. Gloves.

**Exposure Limits:** Not available.

## **9. PHYSICAL & CHEMICAL PROPERTIES**

**Odor:** Not available.

**Taste:** Not available.

**Molecular Weight:** Not applicable, mixture

**Color:** Not available.

**pH (1% soln/water):** >7.0

**Boiling Point:** > 100°C

**Melting Point:** Not determined

**Critical Temperature:** Not available.

**Specific Gravity:** >1.0 (Water = 1)

**Vapor Pressure:** Not applicable.

**Vapor Density:** Not available.

**Volatility:** Not available.

**Odor Threshold:** Not available.

**Water/Oil Dist. Coeff.:** Not available.

**Ionicity (in Water):** Not available.

**Dispersion Properties:** Not available.

**Solubility:** 100%.

## **10. STABILITY & REACTIVITY DATA**

**Stability:** The product is stable.

**Instability Temperature:** Not available.

**Conditions of Instability:** Not available.

**Incompatibility with various substances:** Strong acids..

**Corrosivity:** Non-corrosive in presence of glass.

**Special Remarks on Reactivity:** Not available.

**Special Remarks on Corrosivity:** Not available.

**Polymerization:** No.

## **11. TOXICOLOGICAL INFORMATION**

**Routes of Entry:** Eye contact. Ingestion.

**Toxicity to Animals:**

LD50: Not available.

LC50: Not available.

**Chronic Effects on Humans:** Not available.

**Other Toxic Effects on Humans:** Slightly hazardous in case of skin contact (corrosive).

**Special Remarks on Toxicity to Animals:** Not available.

**Special Remarks on Chronic Effects on Humans:** Not available.

**Special Remarks on other Toxic Effects on Humans:** Not available.

## **12. ECOLOGICAL INFORMATION**

**Ecotoxicity:** Not considered to be an ecological toxin.

**BOD5 and COD:** Not available.

**Products of Biodegradation:**

Possibly hazardous short term degradation products are not likely.

**Toxicity of the Products of Biodegradation:** Not determined.

**Special Remarks on the Products of Biodegradation:** Not available.

## **13. DISPOSAL CONSIDERATIONS**

**Waste Disposal:** No special disposal considerations.

## **14. TRANSPORT INFORMATION**

**DOT Classification:** Not a DOT controlled material (United States).

**Identification:** Not applicable.

**Special Provisions for Transport:** Not applicable.

## **15. OTHER REGULATORY INFORMATION**

**Federal and State Regulations:** For the 100% dry active ingredient: TSCA 8(b) inventory: Sodium sesquicarbonate solution.

**Other Regulations:** For the 100% dry active ingredient: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

**Other Classifications:**

**WHMIS (Canada):** For the 100% dry active ingredient: CLASS D-2B: Material causing other toxic effects (TOXIC).

**DSCL (EEC):** For the 100% dry active ingredient: R36/38- Irritating to eyes and skin.

**HMIS (U.S.A.):**

**Health Hazard:** 2

**Fire Hazard:** 0

**Reactivity:** 0

**Personal Protection:** E

**National Fire Protection Association (U.S.A.):**

**Health:** 2

**Flammability:** 0

**Reactivity:** 0

**Specific hazard:**

**Protective Equipment:**

**For large volumes:** Gloves. Lab coat. Splash goggles.

*The above information is given in good faith, and is based upon research of others, and is believed to be accurate by CassCo. No known relevant information has been omitted. The above information is designed to enable the User to use the product safely, and is provided solely for the User's assistance in complying with the Occupational Safety and Health Act of 1970, and the regulations thereunder. Any other use is prohibited. CassCo assumes no responsibility or liability for any loss, injury, or damage, which may occur from the use or misuse of their products. Also, because actual use by others is beyond our control, no guarantee or warranty, is either expressed or implied, by CassCo, as to the product or its use or misuse. Where the Customer has concerns, it is recommended that the Customer(s) perform their own tests.*