



## HYDRO-ZONE, INC.

17800 TELEGRAPH ROAD

PHONE: (734) 247-4488

FAX: (734) 247-4489

### MATERIAL SAFETY DATA SHEET

## BuffUP

The Ultimate pH Neutralizer

**EMERGENCY TELEPHONE 1-800-535-5053 (INFOTRAC)**

### PRODUCT IDENTIFICATION

Trade Name:	BuffUP
Chemical Name:	pH Neutralizer
HMIS Rating:	Health 1 Flammability 0 Reactivity 0 Personal Protection C
Dot Ship Class	Non Regulated

### HAZARDOUS INGREDIENTS

Components	Cas #	%	OSHA PEL	ACGIH TLV	Other Limits
Non-Hazardous Ingredients		100	NE	NE	

None of the ingredients is considered carcinogenic, mutagenic, or environmental hazards.

### PHYSICAL DATA

Physical State	Liquid
Appearance and Odor	Clear, Odorless
Boiling Point	212°F
Melting Point	N/A
Specific Gravity (H <sub>2</sub> O = 1)	1.09
Evaporation Rate ((H <sub>2</sub> O = 1)	1.00
Vapor Density (Air = 1)	Greater than air
Vapor Pressure (mmHg @ 20°C)	N.I.A.
Solubility in Water	Complete
Water Reactive	None
pH	9.6

### FIRE and EXPLOSION

Flash Point	None
Auto-Ignition Temperature	N/A
Upper Flammable Limits in Air (% by Volume)	N/A
Lower Flammable Limits in Air (% by Volume)	N/A
Unusual Fire Hazards	None
Unusual Explosion Hazards	None
Fire Extinguishing Agents Recommended	Foam, Dry Chemical, Alcohol Foam, CO <sub>2</sub>
Special Fire Fighting Precautions	Wear self-contained breathing apparatus approved by NIOSH.

# BuffUP

## REACTIVITY

Stability	Stable
Conditions to Avoid	Extreme temperatures
Incompatibility	Avoid Strong Oxidizing Agents, Acids
Decomposition Products	COx
Hazardous Polymerization	Will Not Occur

## HEALTH HAZARD

Inhalation	Burns to mucous membrane. Remove to fresh air. Apply mouth to mouth artificial respiration if not breathing. Get immediate medical attention
Ingestion	Burns to mucous membranes. Do not induce vomiting. Dilute by giving large amount of water. Get immediate medical attention
Skin	Burns to skin on prolonged exposure. Flush plenty with soap and water for at least 15 minutes. If irritation persists, get medical attention
Eyes	Burns to eyes on prolonged exposure. Immediate flush with water, continuing for 15 minutes. Get medical attention
Unusual Chronic Toxicity Carcinogen Listed in	None Known Not Listed

## PRECAUTIONS FOR SAFE HANDLING AND USE

Leak and Spill Procedures	Dike and absorb spill with inert material such as sand, vermiculite, or dirt. Shovel into drums for disposal. Do not allow spills to enter waterways. Water may be used to complete cleaning.
Handling and Storing Procedures	Avoid contact with skin, eyes, or clothing. Do not inhale mists. Use normal personal hygiene and housekeeping.
Waste Disposal Methods Other Precautions	As per Local and Federal Regulations Material and its solution may be extremely slippery.

## SPECIAL PROTECTION INFORMATION

Respiratory Protection	NIOSH Approved Respirator
Eye and Face Protection	Chemical Splash Goggles and/or Face Shield
Protective Gloves	Rubber Gloves
Ventilation	Local Exhaust
Other Protective Equipment	Rubber Apron, Eye Wash, and Quick Drench Shower.

# BuffUP

---

## **SARA TITLE III REGULATORY INGREDIENT INFORMATION**

Title III Section 302/304 Extremely Hazardous Substance List and/or CERCLA Hazardous Substance List.

Component	N/A
CAS #	N/A
Percent	N/A
TPQ (lbs)	N/A
RQ (lbs)	N/A

Title III Section 313 Toxic Chemical Annual Release Reporting Requirements (SARA Section 313 Toxic Chemical List).

Component	N/A
CAS #	N/A
Percent	N/A

## **USER'S RESPONSIBILITY**

The information and recommendations contained herein cannot cover all possible situations that the user may experience during processing. Each aspect of your operation should be examined to determine, if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. It is your responsibility to use this information to develop appropriate work practice guidelines and employee instructional programs for your operations.

## **DISCLAIMER OF LIABILITY**

As the conditions and methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this material. Information contained herein is believed to be true and accurate. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and regulations remains the responsibility of the user.

Revision Date: June 2005