

# PH Adjust

## SECTION I

**HARVARD CHEMICAL RESEARCH, INC.**  
**3595 ZIP INDUSTRIAL BLVD**  
**ATLANTA GA 30354**

Date: 10-19-05

Phone:

INQUIRY- (404)761-0657

EMERGENCY- (800)424-9300

HEALTH	1	0=Least
FLAMMABILITY	0	1=Slight
REACTIVITY	1	2=Moderate
		3=High
		4=Extreme

## SECTION II HAZARDOUS INGREDIENTS/INFORMATION

HAZARDOUS COMPONENTS	CAS#	OSHA / PEL	ACGIH / TLV	OTHER / STEL	SK
CITRIC ACID	5949-29-1	NOT EST.	NOT EST.		

## SECTION III -PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:>212°F  
Vapor Pressure (mm Hg): ND  
Vapor Density (Air=1): >1  
Solubility in Water: COMPLETE  
Appearance and odor: Clear liquid with lemon odor.  
Specific Gravity (H2O=1): 1.21  
Melting Point: ND  
Evaporation Rate:(Butyl Acetate=1) <1

## SECTION IV-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used):NONE Flammable Limits:LEL: N/A UEL: N/A  
Extinguishing Media: NA  
Special Fire Fighting Procedures: Firefighters should wear self-contained breathing apparatus  
Explosion Hazards: NONE

## SECTION V-REACTIVITY DATA

Stability: Stable  
Incompatibility (Materials to Avoid): Strong alkalis.  
Hazardous Decomposition or Byproducts: Heat, carbon dioxide, and carbon monoxide.  
Hazardous Polymerization: Will not occur.

## SECTION VI-HEALTH HAZARD DATA

Health Hazards (Acute and Chronic): NONE KNOWN  
Routes of Entry, Signs of Exposure, and Symptoms of Exposure:  
SKIN and EYES: Severe irritant to eyes.  
INHALATION: Irritation and difficulty in breathing  
INGESTION: Gastric pain and vomiting.  
Medical Conditions Generally Aggravated by Exposure: Unknown  
Carcinogenic: NONE  
Emergency and First Aid Procedures:  
SKIN & EYE CONTACT: Rinse skin with clear water. For eye contact immediately flush with clear running water for 15 minutes. Get medical attention.  
INHALATION: Remove to fresh air. If breathing does not return to normal, get medical attention.  
INGESTION: Immediately drink large quantities of water. Get medical attention.

## SECTION VII-PRECAUTIONS FOR SAFE HANDLING AND USE

SPILLS: PH adjust and dispose in accordance with federal and state and local regulations .  
Handling and Storing: Keep container closed when not in use. Do not freeze. Follow label instructions.  
Other Precautions: Keep this and all chemicals out of the reach of children.

## SECTION VIII-CONTROL MEASURES

Respiratory Protection (Specify Type): For exposure above established limits (see section II) use NIOSH/MSMA approved dust/mist mask.  
Ventilation: Mechanical Recommended.  
Protective Gloves: Rubber or neoprene.  
Eye Protection: Chemical goggles.  
Other Protective Clothing or Equipment: Drenching safety shower and eye wash station.

## SECTION IX-ADDITIONAL INFORMATION

ENVIRONMENTAL  
BIODEGRADABILITY: BIODEGRADABLE.

SARA TITLE III REPORTING REQUIREMENTS  
SECTION 302, 304REPORTING NOT REQUIRED  
311, 312REPORTING REQUIRED FOR INVENTORY ABOVE TPQ.  
313REPORTING MAY BE REQUIRED FOR USERS IN MANUFACTURING SECTOR.  
CERCLASAME AS SECTION 304