

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT INFORMATION

Name: LIQUA SCALE  
Subtitle: LIME & SCALE REMOVER  
Supplier's Name: Banner Labs, Inc.

Chemical Family: N/A  
Formula: N/A  
Phone Number: (713) 896-8778

### NPCA Hazardous Materials Identification System

Health	2
Flammability	0
Reactivity	0
Maximum Personal Protection	B

Supplier's Address: 11875 W Little York, 202, 77041

Proper Shipping Name: Compound Cleaning, Liquid (Hydrochloric Acid)

Hazard Class: Corrosive Material, 8, NA 1760, III

## SECTION 2 - INGREDIENTS

NAME	CAS#	Wt%	PEL	TWA-TLV	STE-TLV	CARCINOGEN
Phosphoric acid	7664-38-2	to 100	1mg/M3	1mg/M3	3mg/M3	No

NO OTHER HAZARDOUS INGREDIENTS ARE CONTAINED IN THIS PRODUCT

## SECTION 3 - PHYSICAL DATA

Boiling Range: 216+  
Vapor Pressure: 20  
% Volatile: 100%  
Solubility: 100%  
Physical Description: Clear liquid, faint odor.

Specific Gravity: 1.30  
Vapor Density: >1  
pH: 1.1  
Evaporation Rate: <1

## SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point (Method Used TCC): N/A  
Upper Explosive Limit: N/A  
Lower Explosive Limit: N/A  
Extinguishing Media: N/A

Special Fire Fighting Procedures: Not Flammable  
Unusual Fire & Explosion Hazards: N/A

## SECTION 5 - REACTIVITY DATA

Stability: Stable  
Hazardous Polymerization: Will not occur  
Incompatibility (Materials to Avoid): Strong Alkalis, reactive metals  
Hazardous Decomposition Products: Phosphorous oxide vapors in a fire

## SECTION 6 - STORAGE AND HANDLING INFORMATION

Precautions to be taken in Handling & Storage:  
Keep out of reach of children. For use by trained personnel only.  
Keep container closed during storage. For institutional and industrial use only.

## SECTION 7 - HEALTH HAZARDS

### EFFECTS OF OVEREXPOSURE

#### Primary Route of Entry:

**Skin:**  
Skin irritant. Prolonged or repeated exposure can cause dermatitis.

**Eyes:**  
Severe eye irritant. Liquid and mists can cause pain, tearing, possible swelling of the conjunctiva and corneal destruction.

**Inhalation:**  
May be irritating to mucous membranes of the nose, throat and lungs.

**Ingestion:**  
May be irritating to the mouth and throat. Large doses can cause vomiting.

### FIRST AID PROCEDURES

**Skin:**  
Remove contaminated clothing. Flush exposed area with large quantities of water. Seek medical attention if irritation persists.

**Eyes:**  
Flush eyes with large quantities of water, holding eyelids open. Seek medical attention.

**Inhalation:**  
Get to fresh air. Seek medical attention if symptoms persist.

**Ingestion:**  
Do not induce vomiting. Give large quantities of water or milk. Seek medical attention immediately.

## SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Information: Use with adequate ventilation.  
Protective Gloves: Acid proof  
Other Protective: N/A

Ventilation: Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.  
Eye Protection: Safety glasses

## SECTION 9 - SPILL OR LEAK PROCEDURE

Steps to be taken in case Material is Released or Spilled:  
Mop up or otherwise absorb and hold for disposal

Waste Disposal Method:  
Any method in accordance with local applicable law

Prepared According to 29 CFR 1910.1200

Product# : 0786

Revised: November 1, 2011