#### MATERIAL SAFETY DATA SHEET



# Phosphoric Acid 25% v/v

#### SECTION 1 . Product and Company Idenfication

Phosphoric Acid 25% v/v Product Name and Synonym:

6867 Product Code:

Material Uses:

Agua Solutions, Inc Manufacturer:

6913 Hwy 225

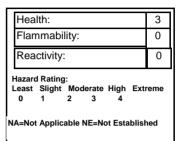
Deer Park, TX 77536

(281) 479-2569

Entry Date: 12/1/2014 Print Date: 12/1/2014

24 Hour Emergency Assistance: Chemtrec 800-424-9300

Canutec 613-996-6666



#### **SECTION 2 HAZARD IDENTIFICATION**

Causes severe irritation and burns. May Be harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

## SECTION 3 MIXTURE COMPONENTS

SARA 313 Compone	ent	CAS Number	Percent Comp.	Dimension	Limits
	5% w/w	CAS# 7664-38- 2	25%		TWA 1 mg/mf STEL 3mg/mf
<ul><li>☐ Water, Deionized // Type II</li></ul>	ASTM	CAS# 7732-18- 5	Balance	V/V	None Established

## **SECTION 4 FIRST AID MEASURES**

Causes severe irritation and burns. May Be harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

FIRST AID: SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: Give several glasses of milk or water. Vomiting may occur spontaneously, but DO NOT INDUCE! Never give anything by mouth to an unconscious person.

## SECTION 5 FIRE FIGHTING MEASURES

Water spray, dry chemical, carbon Fire Extinguisher Type:

dioxide, alcohol foam

Thermal decomposition produces highly toxic Fire / Explosion Hazards:

fumes.

Phosphoric Acid 25% v/v

Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing

to prevent contact with skin and clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Absorb spill with inert material, then place in a chemical waste container. Dispose of in a manner consistent with federal, local

law.

SECTION 7 HANDLING AND STORAGE

Store in a cool dry well ventilated area. Keep away from heat and flame. Do not get in eyes, on skin, or on clothing.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: None required

Ventilation

Local Exhaust 🗸

Mechanical

Protective Gloves: Wear appropriate gloves to prevent skin exposure

Eye Protection: Splash Goggles

Other Protective Equipment: Wear appropriate clothing to prevent

skin exposure

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point: Information Percent Volatile by Volume: >80

not available

Boiling Point: Information Evaporation Rate Information not

not available available

Vapor Pressure: Information Evaporation Standard

not available

Vapor Density: Information Auto Ignition Temp N/A

not available

Solubility in Water: Soluble Lower Flamm. Limit in Air N/A

Appearance /Odors: Colorless Upper Flamm. Limit in Air N/A odorless liquid

Flash Point: N/A

Specific Gravity: >1

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability: Stable

Conditions to Avoid: Avoid contact with incompatible materials.

Materials to Avoid: Metals, bases

Hazardous Decomposition

Products:

Oxides of phosphorus

Hazardous polymerization: Will Not Occur

Conditions to Avoid: None known

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SECTION 11	Toxicological Information	
SECTION 12	Ecological Information	
SECTION 13	Disposal Considerations	
SECTION 14	Transport Information	

DOT Classification:

UN1805, Phosphoric acid solution, 8, PG III

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

SECTION 15	Regulatory Information
SECTION 16	Additional Information

Corrosive! Conditions aggravated/target organs: Persons with preexisting skin, eye or respiratory conditions may be more susceptible. Acute: Severe irritation or burns to skin, eyes, mucous membranes, respiratory and GI tracts. Chronic: Dermatitis, damage to eyes, lungs, mucous membranes.

Flammability

Health Reactivity

Revisions	NFPA	
	0.2	

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