



Safety Data Sheet

Issue Date: 01-Jan-2011

Revision Date: 03-Jan-2014

Version 1

1. IDENTIFICATION

Product Identifier

Product Name Acid Foamer

Other means of identification

SDS #

UN/ID No UN3264

Recommended use of the chemical and restrictions on use

Recommended Use Cleaning agent.

Details of the supplier of the safety data sheet

Supplier Address

Cal Pac Chemicals, Inc
6231 Maywood Ave
Huntington Park, CA 90255

Emergency Telephone Number

Company Phone Number (323) 585-2178

Emergency Telephone (24 hr) Chemtrec 1-800-424-9300 (North America) 1-703-527-3887 (International)

2. HAZARDS IDENTIFICATION

Appearance Pink liquid

Physical State Liquid

Odor Acidic

Classification

Skin corrosion/irritation	Category 1 Sub-category B
Acute toxicity - Oral	Category 4
Serious eye damage/eye irritation	Category 1
Corrosive to Metals	Category 1

Signal Word

Danger

Hazard Statements

Causes severe skin burns and eye damage
Harmful if swallowed
May be corrosive to metals



Precautionary Statements - Prevention

Keep out of reach of children.
 Read label before use
 Do not breathe fume/mist/vapors/spray.
 Wash hands thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.
 Do not eat, drink or smoke when using this product.
 Keep only in original container.
 Do not handle until all safety precautions have been read and understood.

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 Get immediate medical advice/attention.
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Wash with plenty of water for 15 minutes. Wash contaminated clothing before reuse. Get immediate medical attention/advice.
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Get medical advice/attention.
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician immediately.

Precautionary Statements - Storage

Store locked up
 Store in a well-ventilated place. Keep container tightly closed
 Store in corrosive resistant container with a resistant inner liner.
 Absorb spillage to prevent material damage.

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local, state and federal regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Phosphoric acid	7664-38-2	<40
Sulfuric acid	7664-93-9	<5
Surfactant	n/a	<10

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical aid immediately.
Skin Contact	Flush skin with plenty of water for at least 15 minutes while removing contaminated Clothing, and shoes. Wash clothing before reuse. Get medical aid immediately.
Inhalation	Remove from exposure and move to fresh air immediately. Get medical aid immediately.

Ingestion If victim is conscious and alert, give 2-4 cupful's of water. Get medical attention immediately. Never give anything by mouth to an unconscious person.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically and supportively. Show this safety data sheet to the doctor in Attendance.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water.

Unsuitable Extinguishing Media Not determined.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Hazardous combustion products:

Phosphine, oxides of phosphorus, oxides of sulfur, carbon monoxide, carbon dioxide, irritating and toxic fumes and gases.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required.

Methods and material for containment and cleaning up

Methods for Containment observe all federal, state and local environmental regulations.

Methods for Clean-Up Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable Container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid breathing vapors, mist or gas.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Wash thoroughly after handling. Avoid contact with skin or eyes. Avoid ingestion or inhalation. Use personal protection recommended in Section 8. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children. Keep container closed when not in use.

Incompatible Materials

Strong oxidizing agents, chlorine. Strong reducing agents. Strong bases. Metals

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Phosphoric Acid 7664-38-2	1 mg/m ³	1 mg/m ³	-
Sulfuric Acid 7664-93-9	1 mg/m ³	1 mg/m ³	-
Surfactant n/a	-	-	-

Appropriate engineering controls

Engineering Controls

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations below the permissible exposure limits.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Splash proof safety goggles

Skin and Body Protection

Rubber or neoprene gloves. Rubber boots. Aprons. Coveralls.

Respiratory Protection

NIOSH-approved face mask.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	Odor	Acidic
Appearance	Pink liquid	Odor Threshold	Not determined
Color	Pink		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	< 3.0	4% solution
Melting Point/Freezing Point	Not available	
Boiling Point/Boiling Range	>= 212.00 F	
Flash Point	Not available	
Evaporation Rate	Not available	
Flammability (Solid, Gas)	Not available	
Upper Flammability Limits	Not available	
Lower Flammability Limit	Not available	
Vapor Pressure	Not available	
Vapor Density	Not available	
Specific Gravity	1.29	
Water Solubility	Not available	
Solubility in other solvents	Not available	
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not available	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
Density	10.75 lb/gal	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Extremes of temperature and direct sunlight. Incompatible materials.

Incompatible Materials

Strong oxidizing agents, chlorine. Strong reducing agents. Strong bases. Metals.

Hazardous Decomposition Products

Phosphine, oxides of phosphorus, oxides of sulfur, carbon monoxide, carbon dioxide, irritating and toxic fumes and gases.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Causes severe eye damage.

Skin Contact Causes severe skin burns.

Inhalation Avoid inhalation of dust.

Ingestion Harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Phosphoric Acid 7664-38-2	= 1530 mg/kg (Rat)	= 2740 mg/kg (Rabbit)	-
Sulfuric Acid 7664-93-9	= 2140 mg/kg (Rat)	-	-

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity CAS# 7664-93-9: ACGIH: A2 - Suspected Human Carcinogen.
California: carcinogen, initial date 3/14/03. NTP: Known carcinogen (listed as Strong inorganic acid mists containing s).
CAS# 7664-38-2: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

NTP? Yes IARC Monographs? Yes OSHA Regulated? Yes.

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Phosphoric Acid 7664-38-2		Not reported. Rainbow Trout (Oncorhynchus mykiss), fingerling, 5.190%, 27 W		
Sulfuric Acid 7664-93-9		LC50, Western Mosquitofish (Gambusia affinis), adult(s), 42000 ug/L, 24H, Mortality		LC50, Common Shrimp, Sand Shrimp (Crangon crangon), adult(s), 70000 - 80000 ug/L, 48H, Mortality

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

UN/ID No

UN3264

Proper Shipping Name

Corrosive liquid, acidic, inorganic, N.O.S.
(Phosphoric Acid & Sulfuric Acid)

Hazard Class

8

Packing Group

II

IATA

UN/ID No

UN3264

Proper Shipping Name

Corrosive liquid, acidic, inorganic, N.O.S.
(Phosphoric Acid & Sulfuric Acid)

Hazard Class

8

Packing Group

II

IMDG

UN/ID No	UN3264
Proper Shipping Name	Corrosive liquid, acidic, inorganic, N.O.S. (Phosphoric Acid & Sulfuric Acid)
Hazard Class	8
Packing Group	II

15. REGULATORY INFORMATION

International Inventories

Not determined

US Federal Regulations**SARA 313**

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Phosphoric Acid	7664-38-2	Proprietary	-
Sulfuric Acid	7664-93-9	1000 lb.	-
Surfactant	n/a	-	-

US State Regulations**U.S. State Right-to-Know Regulations**

Chemical Name	Other US EPA or State Lists
Phosphoric Acid 7664-38-2	TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NJ EHS: Yes - 1805; NY Part 597: Yes; PA HSL: Yes - E
Sulfuric Acid 7664-93-9	TSCA: Yes - Inventory; CA PROP.65: Yes - Cat.; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NJ EHS: Yes - 1761; NY Part 597: Yes; PA HSL: Yes -E
Surfactant n/a	TSCA: No; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No

16. OTHER INFORMATION**NFPA****Health Hazards****Flammability****Instability****Special Hazards**

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HMIS**Health Hazards****Flammability****Physical Hazards****COR**

Not determined

Not determined

Not determined

Personal Protection

Not determined

Issue Date: 01-Jan-2011**Revision Date:** 03-Jan-2014**Revision Note:** New format**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet