



**american gas & chemical co. ltd.**  
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 201-767-7300, FAX 201-767-1741

# Safety Data Sheet

Issue Date: 31-Jan-2000

Revision Date: 21-Apr-2022

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** ADP-PC Pinpoint Colormetric Precleaner

### Other means of identification

**SDS #** AGC-215

**Product Code** ADP-PC

**Other Information** Package type: 1 gal can, 5 gallon pail and 55 gallon drums.

### Recommended use of the chemical and restrictions on use

**Recommended Use** Pinpoint Colormetric Precleaner.

### Details of the supplier of the safety data sheet

#### Manufacturer Address

AMERICAN GAS & CHEMICAL COMPANY, LTD  
 220 Pegasus Avenue  
 Northvale NJ 07647

### Emergency Telephone Number

**Company Phone Number** Phone: 201-767-7300

Fax: 201-767-1741

**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
 1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Clear Colorless Liquid

**Physical State** Liquid

**Odor** Caustic Odor

### Classification

Skin Corrosion	Category 1C
Eye Damage	Category 1

### Signal Word

Danger

### Hazard Statements

Causes severe skin burns and eye damage.

Causes serious eye damage.



### Precautionary Statements - Prevention

Harmful if swallowed.

Do not breathe mist, vapors, spray.

Wear protective gloves, protective clothing, eye protection, face protection. Store locked up.

### Precautionary Statements - Response

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER/doctor/...

Wash contaminated clothing before reuse.

### Precautionary Statements - Disposal

Dispose of contents/container to comply with local, state and federal regulations.

### Precautionary Statements - Storage

Store locked up.

### Other Hazards

None.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Phosphoric Acid	7664-38-2	<10
Citric Acid	77-92-9	<5

### 4. FIRST-AID MEASURES

#### First Aid Measures

<b>General Advice</b>	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
<b>Eye Contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
<b>Skin Contact</b>	Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician.
<b>Inhalation</b>	Assure fresh air breathing. Allow the victim to rest. Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
<b>Ingestion</b>	Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

#### Most important symptoms and effects

<b>Symptoms</b>	Causes severe skin burns and eye damage. Causes serious eye damage.
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#### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	Treat symptomatically.
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### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Foam. Dry powder. Carbon dioxide. Water spray. Sand.

**Unsuitable Extinguishing Media** Do not use a heavy water stream.

#### Specific Hazards Arising from the Chemical

Product is not flammable or combustible.

Toxic or corrosive vapors may be released in a fire situation - Oxides of Phosphorus.

#### Protective equipment and precautions for firefighters

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

Do not enter fire area without proper protective equipment, including respiratory protection.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

<b>Personal Precautions</b>	Avoid direct contact with skin, eyes and clothing. Wear safety glasses, protective clothing, gloves.
<b>For Emergency Responders</b>	Follow applicable OSHA regulations (29 CFR 1910.120).
<b>Environmental Precautions</b>	Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

#### Methods and material for containment and cleaning up

<b>Methods for Containment</b>	Absorbent such as sand, sawdust, etc. to spill area.
<b>Methods for Clean-Up</b>	Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

#### Advice on Safe Handling

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not breathe mist, vapors, spray.

#### Hygiene Measures

Wash exposed skin thoroughly after handling. Wash contaminated clothing before reuse.

### Conditions for safe storage, including any incompatibilities

#### Storage Conditions

Keep only in the original container in a cool, well ventilated place away from incompatible materials. Keep container closed when not in use.

#### Incompatible Materials

Sources of ignition. Direct sunlight.

#### Incompatible Products

Strong bases. Strong acids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH	OSHA	NIOSH
Phosphoric Acid 7664-38-2	TLV 1mg/m3 STEL 3mg/m3 (15 minutes)	PEL 1mg/m3 STEL 3mg/m3 (15 minutes)	REL 1mg/m3 STEL 3mg/m3 (15 minutes)

### Appropriate engineering controls

#### Engineering Controls

VENTILATION: Use with ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air. No smoking or open lights. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

### Individual protection measures, such as personal protective equipment

#### Eye/Face Protection

Use splash goggles or face shield when contact may occur.

#### Skin and Body Protection

Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact. Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

#### Respiratory Protection

If necessary use an approved respiratory with acid vapor cartridges.

#### General Hygiene Considerations

Wash contaminated clothing before reuse.

#### Other Recommendations

Provide eye wash stations, quick drench showers and washing facilities accessible to areas of use and handling. Have supplies and equipment for neutralization and running water available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Physical State	Liquid	Odor	Acidic
Appearance	Clear, colorless liquid	Odor Threshold	Not determined
Color	Clear	Remarks • Method	
<b>Property</b>	<b>Values</b>		
pH	1.5		
Melting Point/Freezing Point	0C/32°F		
Boiling Point/Boiling Range	100°C /212°F		
Flash Point	Not Flammable		
Evaporation Rate	Not determined		
Flammability (Solid, Gas)	Not determined		
Upper Flammability Limits	Not Flammable		
Lower Flammability Limit	Not Flammable		
Vapor Pressure	0.03 mmHg	@ 68°F (20°C)	
Vapor Density	Not determined	(Air=1)	
Specific Gravity	1.05		
Water Solubility	Completely Soluble		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Auto-ignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		

## 10. STABILITY AND REACTIVITY

### Reactivity

Thermal decomposition generates : Corrosive vapors.

### Chemical Stability

Not established.

### Possibility of Hazardous Reactions

Not established.

### Conditions to Avoid

Keep out of reach of children. Direct sunlight. Extremely high or low temperatures.

### Incompatible Materials

Strong acids. Strong bases. metals.

### Hazardous Decomposition Products

Phosphorus oxides. Thermal decomposition generates : Corrosive vapors.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Eye Contact</b>	Causes serious eye damage.
<b>Skin Contact</b>	Causes severe skin burns and eye damage.
<b>Inhalation</b>	Vapor may irritate respiratory tract.
<b>Ingestion</b>	May be harmful if swallowed.
<b>Germ cell mutagenicity</b>	Not classified
<b>Carcinogenicity</b>	Not classified
<b>Reproductive toxicity</b>	Not classified
<b>Specific target organ toxicity</b>	Not classified
<b>Aspiration hazard</b>	Not classified

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation
Phosphoric Acid 156-60-5	<=90000 mg/kg ( Rat )	> 1.689 mg/L ( Rabbit ) (1 hour)	NA
Citric Acid, Anhydrous 77-92-9	5400 mg/kg (Rat)	NA	NA

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Harmful to aquatic life with long lasting effects.

### Component Information Pure Substance

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Daphnia
Phosphoric Acid 156-60-5	100 - 1000 mg/l 96 h; Protozoa; (PURE SUBSTANCE)	138: 96 h Lepomis macrochirus mg/L LC50 static (PURE SUBSTANCE)	EC50 = 1142 mg/L 5 min EC50 = 1546 mg/L 30 min	
Citric Acid, Anhydrous 77-92-9		440 mg/l		1534 mg/l

### Persistence/Degradability

Not established

### Bioaccumulation

Not established

### Mobility

No additional information available

### Other Adverse Effects

Avoid release to the environment.

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

#### Disposal of Wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations. Avoid release to the environment.

#### 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** DOT Proper Shipping Name: Phosphoric acid solution  
 Department of Transportation (DOT) Hazard Classes: Class 8 - Corrosive material  
 49 CFR 173.136  
 Hazard labels (DOT): 8 - Corrosive Substances  
 DOT NA no: UN1805

**AIR TRANSPORT:** DOT Quality Limitations Passenger Aircraft/Rail: 5L  
 DOT Quality Limitations Cargo Aircraft/Rail: 60L

**IATA** UN1805

**IMDG**

**15. REGULATORY INFORMATION****International Inventories**

**TSCA** Listed

**Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*

*KECL - Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

**Canada**

Chemical Name	WHMIS Classification
Phosphoric Acid 156-60-5	Class E – Corrosive Material
Citric Acid, Anhydrous 77-92-9	Class D Division 2 Subdivision B - Toxic material causing other toxic effects

**EU-Regulations**

No additional information available.

**Classification according to Directive 67/548/EEC or 1999/45/EC**

Not classified

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

No additional information available

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	3	0	0	Not determined
<b>HMIS</b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	3	0	1	H- Safety Glasses, Gloves

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**Revision Note:** 3-Year Update

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**End of Safety Data Sheet**