



# SAFETY DATA SHEET

ACP 446 – Active Porcelain Cleaner

Date: 7-17-15

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name** Active Porcelain Cleaner

### Other Means of Identification

**Product Class** Quaternary Ammonium Compound

**EPA Registration Number** 1839-104-5747

**Product Code** ACP-446

### Recommended Use of the Chemical and Restrictions on Use

**Recommended Use** Ready to use disinfectant cleaner deodorizer

### Details of the Supplier of the Safety Data Sheet

**Manufacturer Address** Arrow Chemical Products, Inc.  
2067 Sainte Anne  
Detroit, MI 48216

### Emergency Telephone Number

**Company Phone Number** 313-237-0277

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

## 2. HAZARDS IDENTIFICATION

### Classification

### Health Hazards

Acute Toxicity, Oral	Category 4
Acute Toxicity, inhalation (Gasses, Dusts & Mists)	Category 4
Skin corrosion/ Irritation	Category 1 Sub-Category B
Serious eye damage/eye irritation	Category 1

### Signal Word

**DANGER**

### Hazard Statements

Causes burns. Causes eye and skin irritation.  
Harmful if swallowed.

### OSHA/HCS status:

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Read complete product label.



**NOTE:** Pictograms not permitted on label. EPA Reg. Product  
See section 15 Regulatory Information

**Appearance** Blue

**Physical State** Liquid

**Odor** Acid

**Precautionary Statements - Prevention**

Keep container tightly closed. Keep away from heat, sparks and flame. No smoking. Use only with adequate ventilation. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective equipment as required.

**Precautionary Statements - Response**

Immediately call a POISON CENTER or doctor/physician

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 or doctor/physician

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

Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Immediately call a POISON CENTER or doctor/physician

IF SWALLOWED: Immediately call a doctor or poison control center. Rinse mouth. DO NOT induce vomiting

**Precautionary Statements - Storage**

Store locked up. Keep container tightly closed when not in use. Store in a cool, well ventilated place. Store away from incompatible materials. KEEP OUT OF REACH OF CHILDREN.

**Precautionary Statements - Disposal**

Dispose of contents/container in accordance with all regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Hydrochloric Acid	7647-01-0	< 10
Alkyl Dimethyl Ammonium Chloride	85409-23-0	0 - 5
Alkyl dimethyl ethylbenzyl ammonium chloride	68391-01-5	0 - 5

### 4. FIRST AID MEASURES

**First Aid Measures**

**Immediate medical attention is required. Have the container or label with you when calling a poison control center, doctor, or going for treatment.**

**Inhalation**

Move to fresh air. If breathing is difficult give oxygen. If symptoms persist, call a physician.

**Eye Contact**

**Immediate medical attention is required.**

Immediately flush with plenty of water. Remove contact lenses and continue flushing with water for 15 minutes

**Ingestion**

**Call a poison control center or doctor immediately.**

Do NOT induce vomiting. Rinse mouth. Drink 4 to 8 oz. (120-240 ml) of water or milk as soon as possible after ingestion. Never give anything by mouth to an unconscious person.

**Skin Contact**

**Immediate medical attention is required.**

Take off contaminated clothing. Rinse skin with plenty of water for 15 minutes. Call a poison control center or doctor for treatment advice. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.

### **Indication of any Immediate Medical Attention and Special Treatment Needed**

#### **Note to Physicians**

Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure. Treat Symptomatically

## **5. FIRE-FIGHTING MEASURES**

### **Suitable Extinguishing Media**

Use an extinguishing agent suitable for the surrounding fire (except unsuitable listed below)

### **Unsuitable Extinguishing Media**

Most foams will react with the material and release corrosive/toxic gasses.

### **Specific Hazards Arising from the Chemical**

Thermal decomposition can lead to release of irritating and toxic gasses and vapors. In the event of fire and/or explosion do not breathe fumes.

### **Protective Equipment and Precautions for Firefighters**

Wear a self-contained breathing apparatus and chemical protective clothing.

### **Flammable Properties**

Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.

## **6. ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment and Emergency Procedures**

#### **Personal Precautions**

Immediately evacuate personnel to safe areas. Avoid contact with skin, eyes, or clothing. Wear appropriate protective equipment and clothing during clean-up. Do not breathe vapors.

### **Methods and Material for Containment and Cleaning Up**

#### **Methods for Containment**

Keep unnecessary and unprotected personnel away. Contain the material using barriers of absorbent pigs, clay absorbent or earth dams. Dike far ahead of liquid spill for later disposal. Dispose of waste material according to local, state, and governmental requirements.

#### **Methods for Cleaning Up**

For small spills: absorb material with clay absorbent or other compatible material. Dispose of the waste material according to local, state and government requirements. For large spills: Soak up with inert absorbent material and neutralize with sodium carbonate. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Prevent product from entering drains. Dam up. After cleaning, flush away traces with water.

## **7. HANDLING AND STORAGE**

### **Precautions for Safe Handling**

#### **Advice on Safe Handling**

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Do not taste or swallow. Ensure adequate ventilation, especially in confined areas. In case of insufficient ventilation, wear suitable respiratory equipment. Wash hands thoroughly after handling.

### **Conditions for Safe Storage, Including any Incompatibilities**

**Storage Conditions**

Store locked up. Keep containers tightly closed in a dry, cool and well ventilated place with a temperature not lower than 50°F or higher than 120°F. Store out of direct sunlight, and away from incompatible materials. .

**Incompatible Materials**

Incompatible with amines, alkali, copper, zinc. Attacks many metals producing extremely flammable hydrogen gas. Incompatible with strong acids, bases, and oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Hydrogen Chloride 7647-01-0	Ceiling: 2 ppm	Ceiling: 5 ppm Ceiling: 7 mg/m <sup>3</sup>	IDLH: 50 ppm Ceiling: 5 ppm Ceiling: 7 mg/m <sup>3</sup>

**Appropriate Engineering Controls****Engineering Controls**

Ensure adequate ventilation, especially in confined areas. Eye wash facilities and emergency shower should be close to workstation.

**Individual Protection Measures, such as Personal Protective Equipment**

Personal protective equipment should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. See our recommendations:

**Eye/Face Protection**

Tight sealing safety goggles, face protection shield.

**Skin and Body Protection**

Wear protective gloves and protective clothing.

**Respiratory Protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive pressure supplied air respirators may be required for high airborne contaminant concentrations.

**General Hygiene Considerations** When using this product do not eat, drink, or smoke. Wash contaminated clothing before reuse. Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on Basic Physical and Chemical Properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	Acid
<b>Color</b>	Blue	<b>Odor Threshold</b>	N/A
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>	
pH	1 - 2		
Flash Point	>200 ° F		
Evaporation Rate	Not determined		
Specific Gravity	1.05		
Viscosity	Not determined		
RVOC Content	0%		
Explosion Hazards	Not determined		
Water Solubility	Complete		

## 10. STABILITY AND REACTIVITY

**Chemical Stability**

Stable under normal use, storage and transport conditions.

**Possibility of Hazardous Reactions**

None under normal processing and storage.

**Conditions to Avoid**

Avoid contact with incompatible materials. Do not mix this product with any other product.

**Incompatible Materials**

Incompatible with amines, alkali, copper, zinc. Incompatible with strong acids, bases, and oxidizing agents. Attacks many metals producing extremely flammable hydrogen gas.

**Hazardous Decomposition Products**

Under normal conditions of storage and use, hazardous reactions will not occur.

## 11. TOXICOLOGICAL INFORMATION

**Information on Likely Routes of Exposure**

<b>Inhalation</b>	Inhalation of corrosive fumes/gasses may cause coughing, choking, headache, dizziness, and weakness for several hours. Pulmonary edema may occur with tightness in the chest, shortness of breath, bluish skin, decreased blood pressure, and increased heart rate.
<b>Eye Contact</b>	Corrosive, contact with eyes may cause serious eye damage including blindness.
<b>Skin Contact</b>	Corrosive, contact causes burns.
<b>Ingestion</b>	Harmful if swallowed. Causes burns of the upper digestive and respiratory tracts.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Hydrogen Chloride 7647-01-0	≈700 mg/kg (Rat)	>5010 mg/kg ( Rabbit )	≈3124 ppm ( Rat ) 1h

**Information on Physical, Chemical and Toxicological Effects**

<b>Symptoms</b>	Inhalation of corrosive fumes/gasses may cause coughing, choking, headache, dizziness, and weakness for several hours. Pulmonary edema may occur with tightness in the chest, shortness of breath, bluish skin, decreased blood pressure, and increased heart rate.
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**Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure**

<b>Carcinogenicity</b>	No components of this product have been identified as a carcinogen or potential carcinogen by ACGIH, OSHA, IARC or NTP.
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<b><u>Numerical Measures of Toxicity</u></b>	Not determined.
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<b><u>Unknown Acute Toxicity</u></b>	None known
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## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

This product may be harmful to aquatic life if released into the environment.

<b><u>Persistence and Degradability</u></b>	No information available
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<b><u>Bioaccumulation</u></b>	No information available
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<b><u>Other Adverse Effects</u></b>	No information available.
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### 13. DISPOSAL CONSIDERATIONS

<b>Disposal of Wastes</b>	Disposal of this product, solutions and any by-products must comply with the requirements of the EPA and regional local authority requirements
<b>Containers</b>	Disposal should be in accordance with the requirements of the EPA 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.

**U.S. DOT (Ground Transportation)** 12/32 OZ. Quart Cases – Status: Not Regulated. U.S. DOT CFR 173.154

UN/ID No	UN1789
Proper Shipping Name	Hydrochloric Acid Solution
Hazard Class	8
Packing Group	II

**IATA**

UN/ID No	UN1789
Proper Shipping Name	Hydrochloric Acid Solution
Hazard Class	8
Packing Group	II

**IMDG**

UN/ID No	UN1789
Proper Shipping Name	Hydrochloric Acid Solution
Hazard Class	8
Packing Group	II

### 15. REGULATORY INFORMATION

**International Inventories** A “Yes” indicates that all components of this product comply with the inventory requirements administered by the governing country (s). A “No” indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country (s).

<b>TSCA</b>	United States Toxic Substances Control Act Section 8(b) Inventory	Yes
<b>DSL</b>	Canadian Domestic Substances List	Yes
<b>NDSL</b>	Non-Domestic Substances List	Yes
<b>EINECS</b>	European Inventory of Existing Chemical Substances	Yes
<b>ELINCS</b>	European List of Notified Chemical Substances	Yes
<b>ENCS</b>	Japan Existing and New Chemical Substances	No
<b>IECSC</b>	China Inventory of Existing Chemical Substances	Yes
<b>KECL</b>	Korean Existing and Evaluated Chemical Substances	Yes
<b>PICCS</b>	Philippines Inventory of Chemicals and Chemical Substances	Yes
<b>New Zealand</b>	New Zealand Inventory	Yes

**US Federal Regulations**

This product is a U.S. EPA registered disinfectant. This product is a pesticide registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals.

**EPA Registration Number** 1839-104-5747

**SARA 313**

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Hydrogen Chloride - 7647-01-0	7647-01-0	<10	1.0

**CWA (Clean Water Act)**

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Hydrogen Chloride 7647-01-0	5000 lb	-	-	

**CERCLA****EPA Registration Number** 1839-104-5747

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Hydrogen Chloride 7647-01-0	5000 lb	5000 lb	RQ 5000 lb final RQ RQ 2270 kg final RQ

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Hydrogen Chloride 7647-01-0	X	X	X

**California Proposition 65** No ingredients listed**16. OTHER INFORMATION****NFPA**

Health Hazards

Flammability

Instability

2

1

0

**HMIS**

Health Hazards

Flammability

Physical Hazards

Personal Protection

2

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**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**