

Section 1 – Product & Company IdentificationProduct Name: **Active Porcelain Cleaner**

Product ID Number: 446

Product Class: Quaternary Ammonium Compound

Product Use: Ready to Use Disinfectant Cleaner & Deodorizer

Special Warning: **DANGER - POISON**

EPA Reg. Number: 1839-104-5747

Manufacturer:

Arrow Chemical Products, Inc.

2067 Ste. Anne

Detroit, MI 48216

Telephone

313-237-0277

Numbers:

24 hr. Emergency Assistance: Infotrac 1-800-535-5053

Section 2 – Composition/Information on Ingredients**INGREDIENT****CAS #****Wt. %**

Hydrochloric Acid

7647-01-0

<10%

Alkyl dimethyl ethylbenzyl ammonium chloride

85409-23-0

0-5%

Alkyl dimethyl benzyl ammonium chloride

68391-01-5

0-5%

Section 3 – Hazards Identification**Signal Word(s): DANGER – POISON -CORROSIVE****Health Effects:**

Skin: CORROSIVE TO SKIN

Eyes: CORROSIVE TO EYES

Inhalation: HARMFUL IF INHALED OR ABSORBED THROUGH SKIN

Ingestion: MAY BE FATAL IF SWALLOWED.

Note: This product causes irreversible eye and skin damage. May be fatal if swallowed. Harmful if inhaled or absorbed through skin.**Section 4 – First Aid Measures (have the product container or label with you when calling a poison control center, doctor, or going for treatment).**

Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

Call ma poison control center or doctor for treatment advice immediately.

Skin/Clothing: Immediately take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything my mouth to an unconscious person.

Section 5 – Fire Fighting Measures

Flash Point: N/A

Upper - Lower: Not Determined

Extinguishing Media: Use appropriate methods for combating the surrounding fire.

Fire Fighting Equipment & Instructions: Firefighters should wear full protective clothing including self-contained breathing apparatus. Cool fire exposed containers with spray.

Hazardous Combustion Products: Irritating and toxic gases or fumes may be released during a fire. Reacts with active metals (potassium, sodium, calcium, powdered aluminum, zinc, magnesium) to produce flammable hydrogen gas. (refer to hydrochloric acid material safety data sheet for complete list)

Section 6 – Accidental Release Measures**Spill and Leak Procedures**

Emergency Action: Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Keep out of low areas where vapors may accumulate.

Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area).

Spill Cleanup: Wear full-protective gear. Ventilate closed spaces before entering. Floor will be slippery. Do not touch or walk through spilled material. Absorb or cover with dry earth, sand, clay or other approved absorbent material and transfer to containers.

Large Spills: Dike far ahead of liquid spill for later disposal. Follow spill cleanup directions.

Section 7 – Handling & Storage

Handling Procedures: DANGER – POISON. Use extreme caution when using this product. Protect eyes, skin, and clothing when using this product. Do not breathe vapors, mists, or fumes. Follow good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water.

Storage Procedures: KEEP AWAY FROM CHILDREN. Keep the container tightly closed and in a cool, well-ventilated place. Avoid freezing or excessive heat. Do not contaminate water, food or feed by storage or disposal.

Section 8 – Exposure Controls/Personal Protection

Engineering Controls: Provide adequate local exhaust ventilation.

Personal Protective Equipment:

Eyes/Face: Chemical safety goggles recommended if splashing is possible.

Skin: Impervious gloves (rubber or neoprene)

Respiratory: Use in well ventilated areas.

The following ingredients have established exposure guidelines:

INGREDIENT: Hydrochloric Acid - CAS# 7647-01-0

OSHA (PEL): CEILING: 5 ppm, (7 mg/m3) ACGIH (TLV): CEILING: 5 ppm.

Section 9 – Physical & Chemical Properties

Flash Point: Not determined.

Specific Gravity: 1.099

Percent Volatiles: No Data

VOC Content: No Data
Evaporation Rate: Not Determined
pH: < 1
Appearance and Odor: White Liquid, Acid Odor



Section 10: Stability & Reactivity

Chemical Stability: Stable Conditions to Avoid: Keep away from heat and strong oxidizing agents.
Incompatibilities: Alkalies, most metals, bleach and other oxidizers. DO NOT MIX THIS PRODUCT WITH ANY OTHER PRODUCT!
Hazardous Decomposition: Hydrogen or chlorine gas.
Hazardous Polymerization: Will not occur.

Section 11 – Toxicological Information

Carcinogenicity: Not listed as carcinogenic according to IARC, NTP or OSHA.
Aquatic Toxicity (Hydrochloric Acid, CAS# 7601-01-0)
It is the resulting pH rather than the concentration of HCl that governs kits lethality to aquatic life. Only when the pH value is depressed to 5.0 or lower will hydrochloric acid prove lethal to fish.
Animal Toxicity: (Hydrochloric Acid, CAS# 7601-01-0) Acute Target Organ Toxicity: This product is corrosive to all tissues contacted and upon inhalation, may cause irritation to mucous membranes and respiratory tract.
Inhalation LC50: 3124 ppm/1 hour (rat). Oral LD50: 900 mg/kg (rabbit). Dermal LD50: Believed to be >1.0 g/kg based on similar materials. CORROSIVE to skin and eyes; severe respiratory irritant. Chronic Target Organ Toxicity: Exposure to hydrochloric acid are described above.

Section 12 – Ecological Information

Ecotoxicity: See above statement: Aquatic Toxicity
Environmental Hazards: This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water unless in accordance with requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA. Contains no phosphates.

Section 13 – Disposal Considerations

Disposal Instructions: CONTAINER DISPOSAL: For containers 1 gallon or less; Do not reuse empty container (bottle). Wrap container and put in trash.
PESTICIDE DISPOSAL – Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.
WASTE DISPOSAL: If this product becomes a waste, Hazardous Waste number: D002

Section 14 – Transportation Information

US DOT: HYDROCHLORIC ACID SOLUTION, 8, UN1789, PGII
Water (IMO): Same as above.
Air (IATA/ICAO): Same as above.

Section 15 – Regulatory Information

TSCA Status

All ingredients are listed on the TSCA Inventory of Chemical Substances.

CERCLA/SARA

SARA Title III, Sections 311/312 – This act requires reporting under the Community Right-to-Know provisions due to the inclusion of the following components of this material in one or more of the five hazard categories listed in the 40 CFR 370: Classification of this product: Health: Immediate m(acute) Delayed (chronic)

Reportable Quantities/Threshold Planning Quantities: CERCLA requires notification of the National Response Center (Telephone 1-800-424-8802) in the event of a release of quantities of the following hazardous materials contained in this product, if the release is equal to or greater than the Reportable Quantities (RQs). SARA 302/304 requires emergency planning, including agency notification, for possible release of the following components of this material, based upon the Threshold Planning Quantities (TPQs) and/or release of Reportable Quantities.

CHEMICAL NAME	REPORTABLE QUANTITY (RQ)	EMERGENCY GUIDE: 157
Hydrochloric Acid	5000 lbs.	

State & Provincial Right to Know & Selected Regulatory Lists

The following ingredients appear on various state right to know lists and/or California's Proposition 65 List

CHEMICAL NAME

STATE LIST

None known.

AZ – Arizona Ambient Air Quality Guidelines
CT – Connecticut Hazardous Air Pollutants
CA – California Director's List of Hazardous Substances
CA65R – California Prop 65 Reproductive Toxin
RI – Rhode Island Hazardous Substance List
ID – Idaho Non-carcinogen Toxic Air Pollutants

NJ – New Jersey Right to Know List
MA – Massachusetts Right to Know List
MN – Minnesota Hazardous Substance List
PA – Pennsylvania Right to Know List

WHMIS Classification: E. This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Section 16 – Other Information

Hazard Ratings

Hazard Ratings

Hazard Rating Scale:

4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0

The seller makes no warranty expressed or implied concerning the accuracy of any results to be obtained from the use of any information and no warranty expressed or implied concerning the use of the products. The buyer assumes all risks of the use and/or handling.