



COMPLETE CLEANING SOLUTIONS

Safety Data Sheet

ACP-441 – Cream Bowl Cleaner/Disinfectant

Date: 08/14/2024

1. IDENTIFICATION

Product Identifier

Product Name Cream Bowl Cleaner/Disinfectant

Other means of identification

Product Class Quaternary Ammonium Chloride Compound
EPA Registration Number 1839-105-5747
Product Code ACP-441

Recommended use of the chemical and restrictions on use

Recommended Use Ready to use (high acid) toilet and urinal disinfectant cleaner

Details of the supplier of the safety data sheet

Manufacturer Address Arrow Chemical Products, Inc.
5933 W. KL Ave.
Kalamazoo, MI 49009

Emergency Telephone Number

Company Phone Number 313-237-0277
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

Skin corrosion/irritation	Category 1 Sub-category B
Serious eye damage/eye irritation	Category 1
Specific target organ toxicity (single exposure)	Category 3

Signal Word

DANGER

Hazard Statements

Harmful if swallowed
Harmful if inhaled
Causes severe skin burns and eye damage
May cause respiratory irritation. May cause drowsiness or dizziness

OSHA/HCS status:

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: White liquid

Physical State: Liquid

Odor: Acid odor

Precautionary Statements - Prevention

Use only outdoors or in a well-ventilated area
Do not breathe dust/fume/gas/mist/vapors/spray
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

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: Rinse mouth. Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up
Store in a well-ventilated place.
Keep container tightly closed

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Hydrochloric acid	7647-01-0	<25
Quaternary Ammonium	85409-23-0	0-5
Quaternary Ammonium	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.

Most important symptoms and effects

Symptoms

May cause eye burns and permanent eye damage. Prolonged contact may even cause severe skin irritation or mild burn. May cause irritation to the mucous membranes and upper respiratory tract.

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 extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Thermal decomposition can lead to release of irritating and toxic gases and vapors. Reacts with active metals (potassium, sodium, calcium, powdered aluminum, zinc and magnesium) to produce flammable hydrogen gas.

Hazardous Combustion Products Hydrogen. Chlorine gas.

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. Cool containers exposed to fire with water.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Stay upwind and out of low areas. Remove all sources of ignition. Use personal protective equipment as required. Spills may be slippery. Do not touch or walk through spilled material.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up Dike to collect large liquid spills. Absorb spill with inert material (e.g. dry sand or earth). It may be neutralized with sodium carbonate. Place in appropriate containers for disposal.

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 Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children. Protect from freezing. Protect from excessive heat. Do not contaminate water, food, or feed by storage or disposal.

Incompatible Materials Strong oxidizing agents. Alkalis. Most common metals. Bleach.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Hydrochloric acid 7647-01-0	Ceiling: 2 ppm	(vacated) Ceiling: 5 ppm (vacated) Ceiling: 7 mg/m ³ Ceiling: 5 ppm Ceiling: 7 mg/m ³	IDLH: 50 ppm Ceiling: 5 ppm Ceiling: 7 mg/m ³

Appropriate engineering controls

Engineering Controls Ventilation systems. Eyewash stations. Showers.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Chemical splash goggles and/or face shield.

Skin and Body Protection Wear rubber gloves or other impervious gloves suitable for hydrochloric acid.

Respiratory Protection If necessary, use a properly fitted, air-fed respirator complying with an approved standard if risk assessment indicates this is necessary. Ensure adequate ventilation, especially in confined areas.

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

Physical State	Liquid	Odor	Pungent Acid
Appearance	White liquid	Odor Threshold	Not determined
Color	White		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	<1	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not determined	
Flash Point	Product does not sustain combustion	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	n/a-liquid	
Upper Flammability Limits	N/A	
Lower Flammability Limit	N/A	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	1.09	
Water Solubility	Complete	
RVOC Content	0%	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

Do not mix this product with any other product.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Heat. Contact with incompatible materials.

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 use and storage, hazardous decomposition will not occur.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

- Inhalation** 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.
- Eye Contact** Corrosive, contact with eyes may cause serious eye damage including blindness.
- Skin Contact** Corrosive, contact causes burns.
- Ingestion** Harmful if swallowed. Causes burns of the upper digestive and respiratory tracts.

Component Information

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

Information on physical, chemical and toxicological effects

- Symptoms** 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. May cause eye burns and permanent eye damage. Prolonged contact may even cause severe skin irritation or mild burn.

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

- Carcinogenicity** No components of this product have been identified as a carcinogen or potential carcinogen by ACGIH, OSHA, IARC or NTP.
- STOT - single exposure** May cause respiratory irritation. May cause drowsiness or dizziness.

12. ECOLOGICAL INFORMATION

Ecotoxicity

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

Persistence and Degradability No information available

Bioaccumulation No information available

Other Adverse Effects

None known.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes PESTICIDE DISPOSAL – Pesticides wastes are acutely hazardous. Improper disposal of excess pesticide is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions contact you State Pesticide or Environmental Control Agency, or the hazardous waste representative at the nearest EPA regional office for guidance.

Contaminated Packaging Non-refillable container. Do not reuse or refill container. Clean container promptly after emptying. Triple rinse as follows: Fill container 1/4 full with water and recap. Agitate vigorously. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds After the flow begins to drip. Repeat procedure two more times. Offer for recycling or reconditioning, if available. If not available, puncture and dispose in a sanitary landfill.

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. Not regulated. U.S. DOT 49 CFR 173.154**

UN/ID No UN3264
Proper Shipping Name Corrosive liquid, acidic, inorganic, n.o.s. (Hydrochloric acid)
Hazard Class 8
Packing Group II

IATA

UN/ID No UN3264
Proper Shipping Name Corrosive liquid, acidic, inorganic, n.o.s. (Hydrochloric acid)
Hazard Class 8
Packing Group II

IMDG

UN/ID No UN3264
Proper Shipping Name Corrosive liquid, acidic, inorganic, n.o.s. (Hydrochloric acid)
Hazard Class 8
Packing Group II

15. REGULATORY INFORMATION

International Inventories

TSCA Listed

Legend:

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

SARA 313 No chemical (s) components of this product are subject to reporting levels established by SARA Title III, Section 313.

US Federal Regulations

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 1839-105-5747

CERCLA

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

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Hydrochloric acid 7647-01-0	X	X	X

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	3	0	0	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	3	0	1	B or C

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