



COMPLETE CLEANING SOLUTIONS

# SAFETY DATA SHEET

ACP 253 - Fresh & Clean Nutraquat Disinfectant Cleaner

Date: 9/10/2024

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name** Fresh & Clean Nutraquat Disinfectant Cleaner

### Other Means of Identification

**Product Class** Quaternary Ammonium Compound  
**EPA Registration Number** 1839-169-5747  
**Product Number** ACP 253

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

**Recommended Use** Disinfecting, cleaning, sanitizing and deodorizing

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

## 2. HAZARDS IDENTIFICATION

### Classification

Skin corrosion/ Irritation	Category 2
Serious eye damage/eye irritation	Category 2 Subcategory A

### 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 nonpesticide chemicals. Read complete product label.

### Signal Word

**WARNING (OSHA)**

### GHS label elements:



**NOTE:** Pictograms not permitted on label. EPA Registered product. See section 15 Regulatory Information.

### Hazard Statements

Causes serious eye irritation. Causes skin irritation.

**Appearance** Blue

**Physical State** Liquid

**Odor** Fresh/Clean Fragrance

**Precautionary Statements - Prevention**

Do not breathe mist or vapor. Wear protective gloves and safety goggles. 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. 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-%
Quaternary Ammonium Chloride Compound	68424-85-1/68424-95-3	<10
Didecyldimethylammonium chloride	7173-51-5	<3

There are no additional ingredients present and in concentrations applicable that are classified as hazardous to health or the environment and require reporting. See Section 8 for occupational exposure limits if applicable.

**4. FIRST AID MEASURES**

**First Aid Measures**

- Inhalation** Move to fresh air. If breathing is difficult give oxygen. If symptoms persist, call a physician.
- Eye Contact** Immediately flush with plenty of water. Remove contact lenses and continue flushing with water for 15 minutes. Call a physician immediately.
- Ingestion** Do NOT induce vomiting. Rinse mouth. Call a poison control center or doctor immediately for treatment advice. Never give anything by mouth to an unconscious person.
- Skin Contact** 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**

If the product is ingested, probable mucosal damage may contraindicate the use of gastric lavage.

- Note to Physicians** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Water fog, foam, dry chemical powder. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**

None known.

**Specific Hazards Arising from the Chemical**

During fire, gasses hazardous to health may be formed. Use water spray to keep fire-exposed containers cool.

**Thermal Decomposition Products (may include the following):**

Carbon dioxide, carbon monoxide, nitrogen oxides, halogenated compounds, metal oxides.

**Protective Equipment and Precautions for Firefighters**

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

**6. ACCIDENTAL RELEASE MEASURES**

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

**Personal Precautions**                      Immediately evacuate personnel to safe areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). 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. Shut off all ignition sources. Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained.

**Methods for Cleaning Up**                Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into container for later disposal. Do not flush into surface water or sanitary sewer system. Dispose of the waste material according to local, state and government requirements. Following product recovery, flush area with water.

**7. HANDLING AND STORAGE**

**Precautions for Safe Handling**

**Advice on Safe Handling**                Protect material from direct sunlight. Do not breathe vapor. Use personal protective equipment as required. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin, eyes or clothing. Do not taste or swallow. Wash hands and exposed skin thoroughly after handling. Empty containers may retain hazardous residue. Do not reuse container. Remove contaminated clothing and protective gear before entering into eating areas.

**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. Keep away from heat, sparks and open flame. Store out of direct sunlight, and away from incompatible materials.

**Incompatible Materials**                Incompatible with strong oxidizing agents, anionic surfactants.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

**Appropriate Engineering Controls**

Emissions from ventilation or work process equipment should be checked to ensure compliance with EPA legislation.

**Engineering Controls**                      Ensure adequate ventilation, especially in confined areas. Ensure eye wash stations and emergency shower are close to the workstation.

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

- Eye/Face Protection**                      Chemical splash goggles and/or face shield recommended.
- Skin and Body Protection**              Wear protective gloves.
- Respiratory Protection**                If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive pressure supplied are 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>	Fresh/Clean Fragrance or Odorless
<b>Appearance</b>	Blue or Clear Liquid	<b>Odor Threshold</b>	N/A
<b>Color</b>	Blue or Clear		
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>	
<b>pH</b>	6 - 8		
<b>Flash Point</b>	Does not sustain combustion.	Pensky-Martens Closed Cup	
<b>Evaporation Rate</b>	1	Water - 1	
<b>Specific Gravity</b>	1.005		
<b>VOC Content</b>	<1		
<b>Water Solubility</b>	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 heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

**Incompatible Materials**

Strong oxidizing agents, anionic surfactants.

**Hazardous Decomposition Products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**11. TOXICOLOGICAL INFORMATION**

**Information on Likely Routes of Exposure**

- Inhalation**                                      Not likely, due to the form of the product.
- Eye Contact**                                    Contact with eyes may cause serious eye irritation.
- Skin Contact**                                    Contact may cause severe skin irritation.

**Ingestion** May be harmful swallowed.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Quaternary Ammonium Compound	84 mg/kg	2730 mg/kg (Rabbit)	-

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

**Symptoms** Causes skin irritation, dryness & redness. Causes serious eye irritation.

**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.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Chemical Name	Result	Species	Exposure
Didecyl dimethyl ammonium chloride	LC50	White Sturgeon	0 – 0 mg/l 96 hr
Alkyl dimethyl benzyl ammonium chloride	LC50	Striped bass	19.1 – 19.1 mg/l 96 hr

**Persistence and Degradability**

Readily biodegradable

**Bioaccumulation**

No information available.

**Other Adverse Effects**

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this product.

**13. DISPOSAL CONSIDERATIONS**

**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 your State Pesticide or Environmental Control Agency, or the hazardous waste representative at the nearest EPA regional office for guidance.

**Containers** 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.

**DOT** UN1760 Corrosive liquid, n.o.s. (Quaternary Ammonium Chloride), 8, III

**IATA** UN1760 Corrosive liquid, n.o.s. (Quaternary Ammonium Chloride), 8, III

**IMDG**

UN1760 Corrosive liquid, n.o.s. (Quaternary Ammonium Chloride), 8, III

**15. REGULATORY INFORMATION**

**International Inventories**

<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	No
<b>AICS</b>	Australian Inventory of Chemical Substances	Yes
<b>EINECS</b>	European Inventory of Existing Chemical Substances	Yes
<b>ELINCS</b>	European List of Notified Chemical Substances	No
<b>ENCS</b>	Japan Existing and New Chemical Substances	Yes
<b>IECSC</b>	China Inventory of Existing Chemical Substances	Yes
<b>KECL</b>	Korean Existing and Evaluated Chemical Substances Yes	Yes
<b>PICCS</b>	Philippines Inventory of Chemicals and Chemical Substances	Yes
<b>New Zealand</b>	New Zealand Inventory	Yes

**US Federal Regulations**

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**CERCLA Reportable Quantity**

No components are listed.

**SARA 313**

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

**US State Regulations**

**California Proposition 65**

There are no chemicals listed.

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

No ingredients have been listed.

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>		
	2	0	0		
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>	
	2	0	0	B	

**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**