



SAFETY DATA SHEET

ACP 253 - Fresh & Clean Nutraquat Disinfectant Cleaner

Date: 12-15-15

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
2067 Sainte Anne St.
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

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

OSHA/HCS status:

This material is not 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 nonpesticide chemicals. Read complete product label.

Signal Word

WARNING (OSHA)

DANGER (EPA)

GHS label elements:



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

Hazard Statements

Causes serious eye damage. Corrosive. May cause irreversible eye damage. (EPA)
May cause skin irritation. May cause serious eye irritation. May be harmful if swallowed. (OSHA)

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 the 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	
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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	
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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.
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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	Do not handle, store or open near and open flame or other source of heat or ignition. 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.
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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 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

Physical State	Liquid	Odor	Fresh/Clean Fragrance or Odorless
Appearance	Blue or Clear Liquid	Odor Threshold	N/A
Color	Blue or Clear		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	7.0 – 8.5		
Flash Point	Does not sustain combustion.	Pensky-Martens Closed Cup	
Evaporation Rate	1	Water - 1	
Specific Gravity	1.00		
VOC Content	<1		
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 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 damage.

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 severe skin burns and eye damage. Causes serious eye damage.

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 Not regulated

IATA Not regulated

IMDG

Not regulated

15. REGULATORY INFORMATION**International Inventories**

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

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.

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

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