

ACP 251 – Facility Disinfectant Cleaner

Date: 9/16/2024

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Facility Disinfectant Cleaner

Other Means of Identification

Product Class Quaternary Ammonium Chloride Compound
EPA Registration Number 10324-154-5747
Product Code 251

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Disinfecting sanitizing cleaning

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 1
Hazardous to the aquatic environment, acute hazard	Category 1
Hazardous to the aquatic environment, long-term hazard	Category 3

Signal Word

DANGER

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.

GHS label elements:



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

Hazard Statements

Causes skin irritation. Causes serious eye damage. Very toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Appearance: Green

Physical State: Liquid

Odor: Pine Fragrance

Precautionary Statements - Prevention

Wash thoroughly after handling. Avoid release to the environment. Wear eye protection/face protection. Wear protective gloves.

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. Call a POISON CENTER or doctor/physician if irritation occurs or persists.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Seek medical attention if irritation develops or persists.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if irritation persists.

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Seek medical attention.

Collect spillage.

Precautionary Statements - Storage

Store locked up. Keep container tightly closed when not in use. Store in a well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local / regional / national / international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Didecyl Dimethyl Ammonium Chloride	7173-51-5	< 5
Dimethyl benzyl ammonium chloride (C12-16)	68424-85-1	< 3

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 if irritation persists.
- Ingestion** Do NOT induce vomiting. Rinse mouth. Call a poison control center or doctor for treatment advice. Never give anything by mouth to an unconscious person.
- Skin Contact** Take off contaminated clothing. Rinse skin with plenty of water (shower). Call a poison control center or doctor for treatment advice. Wash contaminated clothing before reuse.

Most important symptoms/effects, acute and delayed

Causes severe eye irritation. Symptoms include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Skin irritation. May cause redness and pain.

Indication of any Immediate Medical Attention and Special Treatment Needed

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

- 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

Do not use water jet as an extinguisher, as this will spread the fire.

Specific Hazards Arising from the Chemical

During fire, gasses hazardous to health may be formed.

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 Wear appropriate protective equipment and clothing. 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 Collect using an inert absorbent material and place in appropriate containers for 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. Use personal protective equipment as required. Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes or clothing. Do not taste or swallow. In case of insufficient ventilation, wear suitable respiratory equipment. Use only with adequate ventilation or outdoors. 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. Keep away from heat, sparks and open flame. Store away from incompatible materials. .

Incompatible Materials Incompatible with strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

No occupational exposure limits noted for ingredients more than 1%.

Appropriate Engineering Controls

Engineering Controls Ensure adequate ventilation, especially in confined areas. Eye wash facilities and emergency shower should be available when handling this product.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection	Safety Glasses and/or face protection shield
Skin and Body Protection	Wear protective gloves.
Respiratory Protection	If irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive pressure supplied are respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
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	Pine Scent
Appearance	Green Liquid	Odor Threshold	N/A
Color	Green		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	6.5 – 8.5		
Melting Point/Freezing Point	N/A		
Boiling Point/Boiling Range	N/A		
Flash Point	>200°F		
Evaporation Rate	N/A		
Flammability (Solid, Gas)	N/A		
Upper Flammability Limits	N/A		
Lower Flammability Limit	N/A		
Vapor Pressure	N/A		
Vapor Density	N/A		
Specific Gravity	1.005		
Water Solubility	Complete		
Solubility in Other Solvents	N/A		
Partition Coefficient	N/A		
Auto ignition Temperature	N/A		
Decomposition Temperature	N/A		
Viscosity	N/A		
Explosive Properties	N/A		
Oxidizing Properties	N/A		
Density	N/A		
Pour Point	N/A		
VOC Content	< 1		

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing and storage.

Conditions to Avoid

Excessive heat and contamination of any kind.

Incompatible Materials

Strong oxidizing agents.

14. TRANSPORT INFORMATION

<u>Note</u>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<u>DOT</u>	UN3082 Environmentally Hazardous Substance, Liquid, n.o.s. (Quaternary Ammonium Compounds), MARINE POLLUTANT, 9, III
<u>IATA</u>	UN3082 Environmentally Hazardous Substance, Liquid, n.o.s. (Quaternary Ammonium Compounds), 9, III Environmental hazard: Yes
<u>IMDG</u>	UN3082 Environmentally Hazardous Substance, Liquid, n.o.s. (Quaternary Ammonium Compounds), MARINE POLLUTANT, 9, III EmS: F-A, S-F

15. REGULATORY INFORMATION

International Inventories

TSCA	Listed
DSL	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*

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 10324-154-5747

SARA 313

This product does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations

No ingredients over 1% found on state hazardous substance lists.

California Proposition 65

This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

16. OTHER INFORMATION				
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<u>NFPA</u>	Health Hazards	Flammability	Instability	
	3	0	0	
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	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