

ACP 150 – Arrow Sanitizer

Date: 9/10/2024

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Arrow Sanitizer

Other Means of Identification

Product Class Quaternary Ammonium Chloride Compound
EPA Registration Number 1839-86-5747
Product Code ACP-150

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Disinfecting and sanitizing

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

Health Hazards

Skin corrosion/ Irritation	Category 2
Serious eye damage/eye irritation	Category 2 Sub-Category 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 non-pesticide chemicals. Read complete product label.

Signal Word

WARNING

Hazard Statements

Causes eye and skin irritation.
 May be harmful if swallowed.

GHS label elements:



NOTE: Pictograms not permitted on label. EPA Reg. Product
 See section 15 Regulatory Information

Appearance Red or Clear

Physical State Liquid

Odor Odorless

Unsuitable Extinguishing Media

Do not use water jet.

Specific Hazards Arising from the Chemical

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

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. 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 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

No information available regarding exposure limits.

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** Tight sealing safety goggles, face protection shield.

- 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 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	Odorless
Appearance	Clear or Red	Odor Threshold	N/A
Color	Clear or Red		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	7.0 – 8.5		
Flash Point	>200°F	Pensky-Martens Closed Cup	
Evaporation Rate	Estimated slower than ethyl ether		
Specific Gravity	0.99		
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
Excessive heat and contamination of any kind.

Incompatible Materials
Strong oxidizing agents, anionic surfactants.

Hazardous Decomposition Products
None known based on the information given.

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** Harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Quaternary Ammonium Chloride 68391-01-5, 68956-79-6	344 mg/kg (Rat)	>2000 mg/kg (Rabbit)	0.054 – 0.51 mg/l

Information on Physical, Chemical and Toxicological Effects

Symptoms May cause serious skin irritation and 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

No known significant or critical hazards. This product may be harmful or fatal to plant and aquatic life if released into the environment.

Persistence and Degradability

Biodegradable

Bioaccumulation

No information available.

Other Adverse Effects

No information available.

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 you 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.

US – Ground Transportation: **4/Gal Case, 5 Gal Pail – Not regulated**

DOT

UN/ID No UN1760
Proper Shipping Name Corrosive Liquid, N.O.S. (Quaternary Ammonium Compounds)
Hazard Class 8
Packing Group III

IATA

UN/ID No UN1760
Proper Shipping Name Corrosive Liquid, N.O.S. (Quaternary Ammonium Compounds)

Hazard Class 8
Packing Group III

IMDG

UN/ID No UN1760
Proper Shipping Name Corrosive Liquid, N.O.S. (Quaternary Ammonium Compounds)
Hazard Class 8
Packing Group III

15. REGULATORY INFORMATION

International Inventories

Listed Yes or No

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory	Yes
DSL	Canadian Domestic Substances List	Yes
NDSL	Non-Domestic Substances List	No
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	Yes
PICCS	Philippines Inventory of Chemicals and Chemical Substances	Yes
New Zealand	New Zealand Inventory	Yes

US Federal Regulations

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US State Regulations

No components over 1% are found on any state substance lists.

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	
	1	1	0	
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	1	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