

ACP 150 – Arrow Sanitizer

Date: 3/21/2022

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

Precautionary Statements - Prevention

Do not taste or swallow.
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Do not breathe dust/fume/gas/mist/vapors/spray

Precautionary Statements - Response

If concerned, 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 persists.
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. Seek medical attention if irritation persists.
IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Seek medical attention if irritation persists.

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-%
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	0 - 8
Alkyl dimethyl ethylbenzyl ammonium chloride (C12-18)	68956-79-6	0 - 8

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. Never give anything by mouth to an unconscious person. Call a physician if irritation develops or persists.
Skin Contact	Take off contaminated clothing. Rinse skin with plenty of water for 15 minutes. Wash contaminated clothing before reuse. If irritation develops or persists, call a poison control center or doctor for treatment advice.

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.
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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.

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.
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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.
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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.
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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.
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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.
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Incompatible Materials	Incompatible with strong oxidizing agents, anionic surfactants.
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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.
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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	7.5 – 8.5		
Flash Point	>200°F	Pensky-Martens Closed Cup	
Evaporation Rate	Estimated slower than ethyl ether		
Specific Gravity	1.00		
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 Compound)

Hazard Class

8

Packing Group

III

IATA**UN/ID No**

UN1760

Proper Shipping Name

Corrosive Liquid, N.O.S. (Quaternary Ammonium Compound)

Hazard Class	8
Packing Group	III

IMDG

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

NFPA	Health Hazards	Flammability	Instability	
	1	1	0	
HMIS	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