

SAFETY DATA SHEET



EPA REG. NO. 1839-86-85655 • EPA EST. NO. 11399-CA-001

1. Product and company identification

Product Name AC ACCU-QUAT
 UN/ID No. UN1903 Quaternary Ammonium Chloride

Recommended use of the chemical and restrictions on use

Recommended Use QUATERNARY BASED SANITIZER

Supplier: **Accurate Chemical & Services**
 731 W. Fairmont Dr.
 Tempe, AZ. 85282
 Office 602.996.9191

Issuing date October 05, 2016

In case of emergency: (602) 996-9191

Poison control center (800) 222-1222

Product type: Mixture

2. Hazards identification

| | | |
|---------------------------------|-------------------------------|------------------------|
| Appearance: Clear Liquid | Physical State: Liquid | Odor: Mild odor |
|---------------------------------|-------------------------------|------------------------|

Classification

| | |
|---|------------|
| Acute Toxicity – Inhalation (Dust/Mists) | Category 2 |
| Acute Toxicity, oral | Category 4 |
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 1 |
| Specific target organ toxicity, single exposure | Category 2 |

Environmental hazards

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

Signal Word: DANGER

Pictograms:



Hazard Statement

Danger! Corrosive, Toxic if swallowed. Causes severe skin burns and eye damage. Causes serious eye damage. Fatal if inhaled. May cause damage to organs. Very toxic to aquatic life with long lasting effects. Chronic Exposure: No information, Avoid repeated exposure

Precautionary Statements – Preventions

Do not get in Eyes, on Skin or on Clothing. Wash face, hands and any exposed skin thoroughly after handling
 Do not eat, drink or smoke when using this product
 Use only with adequate ventilation, use only outdoors or in a well-ventilated area
 Do not breathe dust/fume/gas/mist/vapors/spray
 Wear protective gloves/protective clothing/eye protection/face protection
 Avoid release to the environment.
 Keep container closed.

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 so. Continue rinsing immediately call a POISON CONTROL 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 POISON CENTER or doctor/physician, Rinse mouth, **Do NOT induce vomiting!**
 In case of fire: Use appropriate media to extinguish.

Precautionary Statements – Storage

Store locked up
 Store in a well-ventilated place. Keep container tightly closed. Keep cool.

Precautionary Statements –Disposal

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

3. Composition/information on ingredients

| <u>Name</u> | <u>CAS number</u> | <u>%</u> |
|---|-------------------|----------|
| Disinfectant Liquid Mixture BTC 2125M | | 10% |
| Containing Active Ingredients: | | |
| N-Alkyl Dimethyl Benzyl Ammonium Chloride | 68391-01-5 | 5% |
| N-Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride | 68956-76-6 | 5% |

Substances listed in this section are those identified as being present at a concentration of 1% or greater, or 0.1% if the substance is on the list of potential carcinogens cited in OSHA Hazard Communication Standard.

4. First aid measures

Eye contact: Get medical aid immediately. Do NOT allow victim to rub or keep eyes closed. Check for and remove any contact lenses if easy to do so. Immediately flush eyes with running water for at least 30 minutes, while lifting the eye lids apart. Use cool running water. Do not use an eye ointment.

Skin contact: Get medical aid immediately. Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing separately before reuse.

Inhalation: Get medical aid immediately. Remove from exposure to fresh air immediately. If breathing has ceased apply artificial respiration using oxygen and suitable mechanical device such as a bag and a mask

Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give one or two glasses of water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

Note to physician If the product is ingested, probable mucosal damage may contraindicate the use of gastric lavage. Treat the affected person appropriately.

5. Fire-fighting measures

Extinguishing media:

| | |
|------------------------------|--|
| Suitable extinguishing media | Water Fog, Foam, Dry chemical powder, Carbon dioxide (CO2) |
|------------------------------|--|

Protection of firefighters:

| | |
|--|--|
| Protective equipment and precautions for firefighters: | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. |
|--|--|

6. Accidental release measures

| | |
|----------------------------|--|
| Personal precautions: | Isolate area. Keep unnecessary personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. |
| Environmental precautions: | Prevent further leakage or spillage if safe to do so |
| Methods of containment | Prevent entry into waterways, sewers, basements or confined areas. |
| Methods of cleaning up | Wear appropriate protective equipment and clothing during clean-up |
| Small spills | Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. |
| Large spills | Dike far ahead of liquid spill for later disposal. |

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA

7. Handling and storage

| | |
|-----------|---|
| Handling: | Avoid contact with skin and eyes. Wash hands thoroughly after handling Avoid breathing vapors or mists of this product. |
| Storage | DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL. PESTICIDE STORAGE: Store in a dry place no lower in temperature than 50°F or higher than 120°F. |

8. Exposure controls/personal protection

Consult local authorities for acceptable exposure limits.

Engineering Controls **Apply technical measures to comply with the occupational exposure limits.**
Local exhaust ventilation recommended where possible, in enclosed or confined spaces. . Use general ventilation. Eye wash stations and emergency Showers are recommended

Individual-protection measures, such as personal protective equipment

| | |
|--------------------------|--|
| Eye/Face Protection | Wear chemical goggles. Face-shield |
| Skin and Body Protection | Wear suitable protective clothing. Use impervious gloves. |
| Respiratory Protection | If ventilation is not sufficient to effectively prevent buildup of aerosols or vapors, appropriate NIOSH/MSHA respiratory protection must be provided. |

9. Physical and chemical properties

| | |
|----------------|--------|
| Physical state | Liquid |
| Color | Clear |
| pH | 7.7 |

| | |
|-----------------------------------|-----------------------------------|
| Boiling/condensation point | 212 °F (100 °C) |
| Flash point | > 201 °F (>93.9 °C) PMCC |
| Evaporation rate | Estimated slower than ethyl ether |
| Vapor pressure | Not Determined or Unknown |
| Vapor Density | Estimated lighter than air |
| Specific gravity | 0.99 |
| Density | 8.26 lb/gal |
| RVOC | <1% (Ethanol) |
| Percent volatile | 9% (w/w) (includes water) |

10. Stability reactivity

| | |
|---|---|
| Chemical Stability | Stable at normal conditions |
| Incompatible materials | Strong oxidizing agents Anionic surfactants |
| Hazardous decomposition products | Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons. |
| Possibility of hazardous reactions | Will not occur |

11. Toxicological information

Not available

12. Ecological information

Aquatic toxicity: Toxic to fish

13. Disposal considerations

Waste disposal:

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a license waste contactor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contract with soil, waterways, drains and sewers.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

14. Transport information

| Regulatory Information | UN number | Proper shipping name | Classes | PG* |
|---------------------------|-----------|---|---------|-----|
| DOT Classification | 1903 | Disinfectants, liquid, corrosive, n.o.s. (Quaternary ammonium chloride) | 8 | III |

*PG: Packing group **4x1gal containers of this product are classified as a Limited Quantity, ("Ltd Qty")

15. Regulatory information

US federal regulations This product is a U.S. EPA registered pesticide
Reportable Quantity There is no calculable reportable quantity (RA) for this product
CERCLA (Superfund) reportable quantity: None
Superfund Amendments and Reauthorization Act of 1986 (SARA)
Section 302 extremely Hazardous substance No
Section 311 hazardous chemical No

Inventory status

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|--|-------------------------------|
| Australia | Australian Inventory of Chemical Substances (AICS) | No |
| Canada | Domestic Substances List (DSL) | No |
| Canada | Non-Domestic Substances List (NDSL) | No |
| China | Inventory of Existing Chemical Substances in China (IECSC) | No |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | No |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | No |
| Korea | Existing Chemical List (ECL) | No |
| New Zealand | New Zealand Inventory | No |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | No |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | No |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

| |
|------------------------------|
| 16. Other information |
|------------------------------|

| HMIS | Health Hazards | Flammability | Reactivity | Personal Protection |
|-------------|-----------------------|---------------------|-------------------|----------------------------|
| | 3 | 1 | 0 | B |

Indicates information that has changed from previously issued version.

Disclaimer

The information provided in the 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 in 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