

**SECTION 1: Product and company identification**

Product name : Nu-Quat  
 Use of the substance/mixture : Disinfectant  
 Product code : 017901  
 Company : Share Corporation  
 P.O. Box 245013  
 Milwaukee, WI 53224 - USA  
 T (414) 355-4000  
 Emergency number : Chemtrec: (800) 424-9300

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**GHS-US classification**

Skin Irrit. 2 H315  
 Eye Dam. 1 H318  
 Full text of H statements : see section 16

**2.2. Label elements**

**GHS-US labeling**

Hazard pictograms (GHS-US) :



GHS05

Signal word (GHS-US) : Danger  
 Hazard statements (GHS-US) : Causes skin irritation  
 Causes serious eye damage  
 Precautionary statements (GHS-US) : Wash thoroughly after handling  
 Wear eye protection, protective clothing, protective gloves  
 If on skin: Wash with plenty of water  
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 Immediately call a doctor, a POISON CENTER  
 If skin irritation occurs: Get medical advice/attention  
 Take off contaminated clothing and wash it before reuse

**2.3. Other hazards**

No additional information available

**2.4. Unknown acute toxicity (GHS US)**

Not applicable

**SECTION 3: Composition/Information on ingredients**

**3.1. Substance**

Not applicable

Full text of H-phrases: see section 16

**3.2. Mixture**

| Name  | Product identifier  | %       | GHS-US classification                            |
|---|---------------------|---------|--|
| didecyltrimethylammonium chloride                                     | (CAS No) 7173-51-5  | 1.0-5.0 | Acute Tox. 3 (Oral), H301<br>Skin Corr. 1B, H314 |
| Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides | (CAS No) 68424-85-1 | 1.0-5.0 | Acute Tox. 4 (Oral), H302<br>Skin Corr. 1B, H314 |

A specific chemical identity and/or percentage of composition has been withheld as a trade secret. Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

First-aid measures general : If you feel unwell, seek medical advice (show the label where possible).  
 First-aid measures after inhalation : Remove the victim into fresh air.  
 First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash contaminated clothing before reuse.  
 First-aid measures after eye contact : Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.  
 First-aid measures after ingestion : Rinse mouth with water. Do NOT induce vomiting.

### 4.2. Most important symptoms and effects, both acute and delayed

|                                      |  |
|--------------------------------------|--|
| Symptoms/injuries                    | : Not expected to present a significant hazard under anticipated conditions of normal use. |
| Symptoms/injuries after inhalation   | : None under normal use.   |
| Symptoms/injuries after skin contact | : Causes skin irritation.  |
| Symptoms/injuries after eye contact  | : Causes serious eye damage.   |
| Symptoms/injuries after ingestion    | : Gastrointestinal complaints.   |

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : All extinguishing media allowed.

### 5.2. Special hazards arising from the substance or mixture

Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

### 5.3. Advice for firefighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Isolate from fire, if possible, without unnecessary risk.

#### 6.1.1. For non-emergency personnel

Protective equipment : Protective goggles. Gloves. Protective clothing.

Emergency procedures : Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.

#### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Stop leak if safe to do so. Stop release. Ventilate area.

### 6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up

For containment : Contain released substance, pump into suitable containers.

Methods for cleaning up : This material and its container must be disposed of in a safe way, and as per local legislation.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing.

Hygiene measures : Wash thoroughly after handling. Wash contaminated clothing before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.

Storage conditions : Keep container closed when not in use.

Incompatible products : strong acids.

Storage area : Meet the legal requirements. Store in a cool area. Store in a well-ventilated place.

Special rules on packaging : meet the legal requirements.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

Personal protective equipment : Use appropriate personal protective equipment when risk assessment indicates this is necessary.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|   |                        |
|---|------------------------|
| Physical state                              | : Liquid               |
| Appearance                                  | : Clear, green liquid. |
| Odor  | : mint-like            |
| Odor threshold                              | : No data available    |
| pH  | : 7.4 - 8.4            |
| Melting point                               | : No data available    |
| Freezing point                              | : No data available    |
| Boiling point                               | : No data available    |
| Flash point                                 | : > 200 °F Closed Cup  |
| Relative evaporation rate (butyl acetate=1) | : No data available    |
| Flammability (solid, gas)                   | : No data available    |
| Explosion limits                            | : No data available    |
| Explosive properties                        | : No data available    |
| Oxidizing properties                        | : No data available    |
| Vapor pressure                              | : No data available    |
| Relative density                            | : No data available    |
| Relative vapor density at 20 °C             | : No data available    |
| Specific gravity / density                  | : 1 g/ml               |
| Solubility                                  | : No data available    |
| Log Pow                                     | : No data available    |
| Log Kow                                     | : No data available    |
| Auto-ignition temperature                   | : No data available    |
| Decomposition temperature                   | : No data available    |
| Viscosity                                   | : No data available    |
| Viscosity, kinematic                        | : No data available    |
| Viscosity, dynamic                          | : No data available    |
| VOC content                                 | : < 1 %                |

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Refer to section 10.1 on Reactivity.

#### 10.4. Conditions to avoid

No additional information available

#### 10.5. Incompatible materials

acids.

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

| <b>didecyldimethylammonium chloride (7173-51-5)</b>                                       |   |
|---|---|
| LD50 oral rat   | 238 mg/kg Method: OECD Test Guideline 401 |
| LD50 dermal rabbit  | 3342 mg/kg                                |
| ATE CLP (oral)  | 238.000 mg/kg body weight                 |
| ATE CLP (dermal)  | 3342.000 mg/kg body weight                |
| <b>Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (68424-85-1)</b> |   |
| LD50 oral rat   | 344 mg/kg                                 |
| LD50 dermal rabbit  | 3340 mg/kg                                |
| ATE CLP (oral)  | 344.000 mg/kg body weight                 |

# Nu-Quat

## Safety Data Sheet



### Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (68424-85-1)

|  |   |
|--|---|
| ATE CLP (dermal)                                   | 3340.000 mg/kg body weight                    |
| Skin corrosion/irritation                          | : Causes skin irritation.<br>pH: 7.4 - 8.4    |
| Serious eye damage/irritation                      | : Causes serious eye damage.<br>pH: 7.4 - 8.4 |
| Respiratory or skin sensitization                  | : Not classified                              |
| Germ cell mutagenicity                             | : Not classified                              |
| Carcinogenicity                                    | : Not classified                              |
| Reproductive toxicity                              | : Not classified                              |
| Specific target organ toxicity (single exposure)   | : Not classified                              |
| Specific target organ toxicity (repeated exposure) | : Not classified                              |
| Aspiration hazard                                  | : Not classified                              |
| Symptoms/injuries after inhalation                 | : None under normal use.                      |
| Symptoms/injuries after skin contact               | : Causes skin irritation.                     |
| Symptoms/injuries after eye contact                | : Causes serious eye damage.                  |
| Symptoms/injuries after ingestion                  | : Gastrointestinal complaints.                |

### SECTION 12: Ecological information

#### 12.1. Toxicity

No additional information available

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

### SECTION 14: Transport information

#### Department of Transportation (DOT)

In accordance with DOT : Not regulated for transport

#### Additional information

Other information : No supplementary information available.

#### ADR

No additional information available

#### Transport by sea

No additional information available

#### Air transport

No additional information available

### SECTION 15: Regulatory information

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labelling 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. Following is the hazard information as required on the pesticide label:

DANGER: CORROSIVE. Causes irreversible eye damage. Harmful if inhaled. Avoid breathing spray mist. Harmful if absorbed through skin. Avoid contact with skin. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

### SECTION 16: Other information

Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.

# Nu-Quat

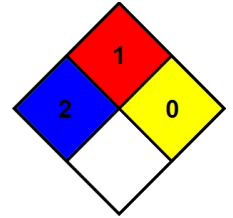
## Safety Data Sheet



Full text of H-phrases:

|      |   |
|------|---|
| H301 | Toxic if swallowed                      |
| H302 | Harmful if swallowed                    |
| H314 | Causes severe skin burns and eye damage |
| H315 | Causes skin irritation                  |
| H318 | Causes serious eye damage               |

- NFPA health hazard : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.
- NFPA fire hazard : 1 - Must be preheated before ignition can occur.
- NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



Prepared by: Technical Department

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of this material.*