SECTION 1: Product and company identification

Product name: Viro-Stat
Use of the substance/mixture: Disinfectant
Product code: 017501
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 Corr. 1A H314
Full text of H statements: see section 16

2.2. Label elements

GHS-US labeling
Hazard pictograms (GHS-US):

Signal word (GHS-US): Danger
Hazard statements (GHS-US): Causes severe skin burns and eye damage
Precautionary statements (GHS-US):
Do not breathe spray
Wear eye protection, protective gloves
If swallowed: rinse mouth. Do NOT induce vomiting
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
If inhaled: Remove person to fresh air and keep comfortable for breathing
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
Specific treatment (see First aid measures on this label)
Wash contaminated clothing before reuse
Dispose of contents/container to comply with local/regional/national/international regulations

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides</td>
<td>(CAS No) 68424-85-1</td>
<td>1 - 5</td>
<td>Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314</td>
</tr>
<tr>
<td>Alcohols (C12-15 Ln. Saturated) Ethoxylate</td>
<td>(CAS No) 68131-39-5</td>
<td>1 - 5</td>
<td>Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318</td>
</tr>
<tr>
<td>Tetrasodium ethylenediaminetetraacetate</td>
<td>(CAS No) 64-02-8</td>
<td>1 - 5</td>
<td>Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318</td>
</tr>
<tr>
<td>QUATERNIUM-24</td>
<td>(CAS No) 32426-11-2</td>
<td>0.5 - 1.5</td>
<td>Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314</td>
</tr>
<tr>
<td>Didecyldimethylammonium chloride</td>
<td>(CAS No) 7173-51-5</td>
<td>0.5 - 1.5</td>
<td>Acute Tox. 3 (Oral), H301 Skin Corr. 1B, H314</td>
</tr>
<tr>
<td>Dimethyldecylammonium chloride</td>
<td>(CAS No) 5538-94-3</td>
<td>0.5 - 1.5</td>
<td>Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314</td>
</tr>
</tbody>
</table>

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 victim to fresh air and keep at rest in a position comfortable for breathing.
First-aid measures after skin contact: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes. Take victim to a doctor if irritation persists.
First-aid measures after eye contact: Rinse immediately with plenty of water for 15 minutes. Take victim to an ophthalmologist.
First-aid measures after ingestion: Immediately call a poison center or doctor/physician. Rinse mouth. Do NOT induce vomiting. Drink plenty of water.

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

Symptoms/injuries: Causes severe skin burns and eye damage.
Symptoms/injuries after inhalation: Corrosive to the respiratory tract.
Symptoms/injuries after skin contact: Caustic burns/corrosion of the skin.
Symptoms/injuries after eye contact: Causes serious eye irritation. Corrosion of the eye tissue. Permanent eye damage.
Symptoms/injuries after ingestion: Burns to the gastric/intestinal mucosa.

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: Upon combustion: CO and CO2 are formed.

5.3. Advice for firefighters

Firefighting instructions: Exercise caution when fighting any chemical fire. Use water moderately and if possible collect or contain it. Use water spray or fog for cooling exposed containers.
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

Emergency procedures: Keep upwind.

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 soil and water pollution.

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: Carry operations in the open/under local exhaust/ventilation or with respiratory protection. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.
Hygiene measures: Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep container closed when not in use. Store in original container.
Incompatible products: strong acids.
Storage area: Keep only in the original container. Store in a dry area. Store in a cool area.

SECTION 8: Exposure controls/personal protection
8.1 Control parameters
No additional information available

8.2 Exposure controls
Personal protective equipment: Gloves. Safety glasses. Protective clothing. 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, colorless liquid.
Odor: Mild odor
Odor threshold: No data available
pH: 12.4
Melting point: No data available
Freezing point: No data available
Boiling point: No data available
Flash point: > 200 °F
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: Soluble in water.
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
Upon combustion: CO and CO2 are formed.

10.2 Chemical stability
No additional information available

10.3 Possibility of hazardous reactions
No additional information available

10.4 Conditions to avoid
No additional information available

10.5 Incompatible materials
May be corrosive to metals. Strong acids. Metals.

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

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>344 mg/kg</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>3340 mg/kg</td>
</tr>
<tr>
<td>ATE CLP (oral)</td>
<td>344.000 mg/kg body weight</td>
</tr>
<tr>
<td>ATE CLP (dermal)</td>
<td>3340.000 mg/kg body weight</td>
</tr>
</tbody>
</table>

### didecyldimethylammonium chloride (7173-51-5)

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>LD50 oral rat</td>
<td>238 mg/kg Method: OECD Test Guideline 401</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>3342 mg/kg</td>
</tr>
<tr>
<td>ATE CLP (oral)</td>
<td>238.000 mg/kg body weight</td>
</tr>
<tr>
<td>ATE CLP (dermal)</td>
<td>3342.000 mg/kg body weight</td>
</tr>
</tbody>
</table>

### Alcohols (c12-15 Ln. Saturated) Ethoxylate (68131-39-5)

<p>| | |</p>
<table>
<thead>
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</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>&gt; 2000 mg/kg</td>
</tr>
</tbody>
</table>

### tetraysodium ethylenediaminetetraacetate (64-02-8)

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</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>&gt; 2000 mg/kg (Rat)</td>
</tr>
<tr>
<td>ATE CLP (oral)</td>
<td>500.000 mg/kg body weight</td>
</tr>
</tbody>
</table>

**Skin corrosion/irritation**: Causes severe skin burns and eye damage. pH: 12.4

**Serious eye damage/irritation**: Not classified

**pH**: 12.4

**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**: Corrosive to the respiratory tract.

**Symptoms/injuries after skin contact**: Caustic burns/corrosion of the skin.

**Symptoms/injuries after eye contact**: Causes serious eye irritation. Corrosion of the eye tissue. Permanent eye damage.

**Symptoms/injuries after ingestion**: Burns to the gastric/intestinal mucosa.

**Likely routes of exposure**: Skin and eyes contact

### SECTION 12: Ecological information

#### 12.1. Toxicity

<p>| | |</p>
<table>
<thead>
<tr>
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<th></th>
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</thead>
<tbody>
<tr>
<td>Alcohols (c12-15 Ln. Saturated) Ethoxylate (68131-39-5)</td>
<td></td>
</tr>
<tr>
<td>LC50 fish 1</td>
<td>5 - 10 mg/l Fish</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
<td>5 - 10 mg/l Daphnia</td>
</tr>
<tr>
<td>ErC50 (algae)</td>
<td>10 - 100 mg/l Algae</td>
</tr>
</tbody>
</table>

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>tetraysodium ethylenediaminetetraacetate (64-02-8)</td>
<td></td>
</tr>
<tr>
<td>LC50 fish 1</td>
<td>121 mg/l (LC50; 96 h)</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
<td>625 mg/l (EC50; 24 h)</td>
</tr>
<tr>
<td>Threshold limit algae 1</td>
<td>&gt; 100 mg/l (EC0; 72 h)</td>
</tr>
</tbody>
</table>

#### 12.2. Persistence and degradability

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>tetraysodium ethylenediaminetetraacetate (64-02-8)</td>
<td></td>
</tr>
<tr>
<td>Persistence and degradability</td>
<td>Not readily biodegradable in water.</td>
</tr>
<tr>
<td>Biochemical oxygen demand (BOD)</td>
<td>&lt; 0.002 g O₂/g substance</td>
</tr>
<tr>
<td>Chemical oxygen demand (COD)</td>
<td>0.54 - 0.58 g O₂/g substance</td>
</tr>
</tbody>
</table>

#### 12.3. Bioaccumulative potential

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>tetraysodium ethylenediaminetetraacetate (64-02-8)</td>
<td></td>
</tr>
<tr>
<td>Log Pow</td>
<td>-2.6</td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>Bioaccumulation: not applicable.</td>
</tr>
</tbody>
</table>
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.

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 and skin burns. Do not get in eyes, on skin or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses), protective (rubber or chemical resistant) gloves and protective clothing. Harmful if swallowed or absorbed through the skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

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

SECTION 16: Other information

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

Full text of H-phrases:

<table>
<thead>
<tr>
<th>H301</th>
<th>Toxic if swallowed</th>
</tr>
</thead>
<tbody>
<tr>
<td>H302</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage</td>
</tr>
</tbody>
</table>

NFPA health hazard: 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was 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 the refore 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.