1. Identification:
   Product Identity: Ful-Trole 64 Floral
   Recommended Use: Disinfectant cleaner
   Producer / Distributor
   Multi-Clean
   600 Cardigan Road
   Shoreview, MN 55126
   Telephone Number for Information: 651-481-1900
   Emergency Telephone Number: 800-255-3924

2. Hazard Identification:
   Classification:
   Health Class
   Skin Corrosion Category 1
   Serious eye Damage Category 1
   Specific Target Organ Toxicity - Single Exposure Category 2
   Specific Target Organ Toxicity - Repeated Exposure Category 2

   Physical Class
   Environment Class

   Label
   Symbols

   Signal Word   Danger

   Hazard Statements:
   Causes severe skin burns and eye damage.
   May cause damage to central nervous system and/or gastrointestinal tract.
   May cause damage to kidneys through prolonged or repeated exposure.

   Precautionary Statements:
   Do not handle until all safety precautions have been read and understood.
   Do not breathe dust/fume/gas/mist/vapors/spray.
   Wash hands thoroughly after handling.
   Wear protective gloves/protective clothing/eye protection/face protection.
   IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
   IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
   Wash contaminated clothing before reuse.
   IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor.
   IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
   If exposed or concerned: Get medical attention.
   Store locked up.
   Dispose of contents in accordance with local regulations.

3. Composition/Information on Ingredients
<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>Percent by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quaternary Ammonium Chloride Surfactants</td>
<td>68424-85-1, 32426-11-2</td>
<td>5.5</td>
</tr>
<tr>
<td></td>
<td>5538-94-3, 7173-51-5</td>
<td></td>
</tr>
<tr>
<td>Tetra sodium EDTA, Tetra hydrate</td>
<td>64-02-8</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Alcohol Ethoxylates</td>
<td>34398-01-1</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Sodium Metasilicate Pentahydrate</td>
<td>10213-79-3</td>
<td>0.3 - 1.0</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>60 - 100</td>
</tr>
</tbody>
</table>

4. First-Aid Measures:
   Ingestion: IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. Call a poison control center or doctor for treatment advice.
   Eye Contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
   Skin Contact: Take off Contaminated Clothing. Rinse skin immediately with plenty of water for 15-20 minutes
   Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth. Call a poison control center or doctor for treatment advice.

5. Fire Fighting Measures:
   Suitable Extinguishing Media: Water - Foam - Water Fog - CO2 - Dry Chemical
   Special Fire Fighting Procedures: Cool fire exposed containers. Wear approved self contained breathing apparatus
   Unusual Fire and Explosion Hazards: Explosive mixtures can form with air. Combustion products are toxic.
6. **Accidental Release Measures:**
Dike and contain spill with inert material (sand, earth, etc.). Collect spill with a mop, absorbent material (example: floor-dry) or vacuum. Thoroughly rinse affected area with water.

7. **Handling and Storage:**
- **Handling:** Do not breath spray mist. Keep out of reach of children. Do not reuse empty container
- **Storage:** Store only in original containers. Do not contaminate food or water by storage or disposal

8. **Exposure Controls / Personal Protection:**

**Exposure Limits**

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS Number</th>
<th>Osha PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quaternary Ammonium Chloride Surfactants</td>
<td>1424-85-1, 32426-11-7</td>
<td>100 ppm</td>
<td>100 ppm</td>
</tr>
</tbody>
</table>

**Exposure Controls:**
- **Engineering Controls:** Normal good ventilation is sufficient
- **Personal Protective Equipment:**
  - **Eye Protection:** Approved Safety Goggles or Glasses
  - **Skin Protection:** Chemical Resistant Rubber Gloves
  - **Respiratory Protection:** Not required, Avoid breathing spray mist

9. **Physical and Chemical Properties:**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical State:</strong></td>
<td>Liquid</td>
</tr>
<tr>
<td><strong>Appearance:</strong></td>
<td>Purple</td>
</tr>
<tr>
<td><strong>Odor:</strong></td>
<td>Floral</td>
</tr>
<tr>
<td><strong>Solubility:</strong></td>
<td>Complete</td>
</tr>
<tr>
<td><strong>Evaporation Rate:</strong></td>
<td>NA</td>
</tr>
<tr>
<td><strong>Vapor Pressure (MM HG):</strong></td>
<td>NA</td>
</tr>
<tr>
<td><strong>Vapor Density (Air = 1):</strong></td>
<td>NA</td>
</tr>
<tr>
<td><strong>pH:</strong></td>
<td>12.0 - 12.4</td>
</tr>
<tr>
<td><strong>Specific Gravity (H2O = 1):</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Flammability:</strong></td>
<td>None</td>
</tr>
<tr>
<td><strong>Flash Point:</strong></td>
<td>&gt; 200°F (93°C)</td>
</tr>
<tr>
<td><strong>Boiling Point:</strong></td>
<td>&gt; 212° F (100°C)</td>
</tr>
<tr>
<td><strong>%volatile:</strong></td>
<td>&gt; 85%</td>
</tr>
</tbody>
</table>

10. **Stability and Reactivity:**
- **Chemical Stability:** Stable
- **Possibility of Hazardous Reactions:** None are known
- **Incompatibility (Materials to Avoid):** Strong Oxidizing Agents, Reducing agents
- **Hazardous Decomposition or By-products:** Toxic Hydrogen Chloride Fumes, Oxides of Carbon and Nitrogen
- **Hazardous Polymerization:** Will not Occur

11. **Toxicological Information:**

- **Signs and Symptoms of Overexposure:** Causes severe skin burns and eye damage.
- **Acute Effects:**
  - **Eye Contact:** Severe eye damage can result from direct contact.
  - **Skin Contact:** Causes severe skin burns
  - **Inhalation:** Irritation of Mucous Membrane can be caused by vapors or mists of product.
  - **Ingestion:** May be fatal. Burning pain in the mouth, throat, abdomen, severe swelling of the larynx, skeletal muscle paralysis affecting the ability to breathe, circulatory shock or convulsion.
- **Target Organ Effects:** Skin, Eyes, Kidneys
- **Chronic Effects:** May cause damage to kidneys through prolonged or repeated exposure.

**Acute Toxicity Values:**

- **Oral LD50 =** > 5000 mg/kg
- **Dermal LD50 =** > 5000 mg/kg
- **Inhalation (Vapor) LC50 =** > 50 mg/l

12. **Ecological Information:**
- **Persistence and Degradability:** Not Available
- **Bio Accumulative Potential:** Not Available
- **Mobility in Soil:** Not Available
- **Aquatic Toxicity:** Not Available

13. **Disposal Considerations:**
Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional office for guidance.
14. Transport Information:
   UN Number: UN1903
   Shipping Name: Disinfectant, Liquid, Corrosive, N.O.S. (Quaternary Ammonium)
   Limited Quantity for 1 G container or less.
   Transport Hazard Class: 8
   Packing Group: III
   Marine Pollutant: NO

15. Regulatory Information:
   TSCA Status: All ingredients listed
   Clean Water Act: None of the chemicals in this product are listed under the CWA
   Clean Air Act: None of the chemicals in this product are listed under the CAA
   CERCLA Reportable Quantity: None
   SARA Title III Information:
      Section 302 Extremely Hazardous Chemicals: None Listed
      Section 311 / 312 Hazard Category: Immediate Health
      Section 313 Toxic Chemicals: None Listed
   State Regulations: None
   International Regulations: WHMIS Controlled Product Hazard Class: D2B

16. Other Information:
   Prepared By: Eric Scholl
   Telephone Number: 651-481-1900
   Revision Date: 7/21/2014
   Supersedes: 6/7/2013

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