

**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**

Ingredient	CAS Number	Percent by Weight
Quaternary Ammonium Chloride Surfactants	68424-85-1, 32426-11-2	5.5
.	5538-94-3, 7173-51-5	.
Tetra sodium EDTA, Tetra hydrate	64-02-8	1 - 5
Alcohol Ethoxylates	34398-01-1	1 - 5
Sodium Metasilicate Pentahydrate	10213-79-3	0.3 - 1.0
Water	7732-18-5	60 - 100

**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:****Ingredients**

Quaternary Ammonium Chloride Surfactants

**CAS Number**

3424-85-1, 32426-11

**Osha PEL**

100 ppm

**ACGIH TLV**

100 ppm

**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:**

**Physical State:** Liquid

**pH:** 12.0 - 12.4

**Appearance:** Purple

**Specific Gravity (H<sub>2</sub>O = 1):** 1

**Odor:** Floral

**Flammability:** None

**Solubility:** Complete

**Flash Point:** > 200°F (93°C)

**Evaporation Rate:** NA

**Boiling Point:** > 212° F (100°C)

**Vapor Pressure (MM HG):** NA

**%volatile:** > 85%

**Vapor Density (Air = 1):** NA

**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

**Conditions to Avoid:** Mixing with strong oxidizers or reducing agents

**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 LD<sub>50</sub>** = > 5000 mg/kg

**Dermal LD<sub>50</sub>** = > 5000 mg/kg

**Inhalation (Vapor) LC<sub>50</sub>** = > 50 mg/l

**12. Ecological Information:**

**Persistence and Degradability:** Not Available

**Bio Accumulative Potential:** Not Available

**Mobility in Soil:** Not Available

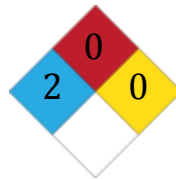
**Aquatic Toxicity:** Not Available

**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. Transportation 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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<b>Health</b>	2
<b>Flammability</b>	0
<b>Physical hazards</b>	0