

1. Identification:

Product Identity: 64 Ful-Trole 64
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 - 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 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	CAS Number	Osha PEL	ACGIH TLV
Quaternary Ammonium Chloride Surfactants	3424-85-1, 32426-11	100 ppm	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

Appearance: Yellow

Odor: Lemon

Solubility: Complete

Evaporation Rate: NA

Vapor Pressure (MM HG): NA

Vapor Density (Air = 1): NA

pH: 12.0 - 12.4

Specific Gravity (H2O = 1): 1

Flammability: None

Flash Point: > 200°F (93°C)

Boiling Point: > 212°F (100°C)

%volatile: > 85%

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 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. 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
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Health	2
Flammability	0
Physical hazards	0