

1. Identification**Product Identity:** 128 E-Fecticide**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

429

**2. Hazard Identification****Classification:****Health Class**Acute Toxicity Category 4
Skin Corrosion Category 1
Serious Eye Damage Category 1**Physical Class****Environment Class****Label****Symbols****Signal Word** Danger**Hazard Statements:**Harmful if swallowed.
Causes severe skin burns and eye damage.**Precautionary Statements:**Wash hands thoroughly after handling.
Do not eat, drink, or smoke when using this product.
Do not breathe dusts or mists.
Wear protective gloves/eye protection.
IF SWALLOWED: Call a doctor if you feel unwell. Rinse mouth. Do NOT induce vomiting.
IF ON SKIN: 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.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Store locked up.
Dispose of contents in accordance with local regulations.**3. Composition/Information on Ingredients**

Ingredient	CAS Number	Percent by Weight
Dimethyldioctylammonium Chloride	5538-94-3	5 - 15
Quaternary Ammonium Compounds, Benzyl-C12-18-alkyldimethyl, chlorides	68391-01-5	1 - 10
Quaternary ammonium compounds, coco alkyltrimethyl, chlorides	61789-18-2	1 - 10
Tetrasodium Ethylenediamine Tetraacetate	64-02-8	1 - 5
Ethyl Alcohol	64-17-5	1 - 5
Water	7732-18-5	50 - 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 the poison control center or doctor.**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.**Skin Contact:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.**Inhalation:** Move to fresh air.**5. Fire Fighting Measures:****Suitable Extinguishing Media:** Water - Foam - CO₂ - Dry Chemical**Special Fire Fighting Procedures:** Not Applicable**Unusual Fire and Explosion Hazards** Products of combustion 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**

Ethyl Alcohol

CAS Number

64-17-5

Osha PEL

1000 ppm

ACGIH TLV

1000 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: 7 - 8.5

Appearance: Green

Specific Gravity (H₂O = 1): 0.98

Odor: Fresh Floral

Flammability: None

Solubility: Complete

Flash Point: None

Evaporation Rate: NA

Boiling Point: > 212° F (100°C)

Vapor Pressure (MM HG): NA

%volatile: > 75%

Vapor Density (Air = 1): NA

10. Stability and Reactivity:

Chemical Stability: Stable

Possibility of Hazardous Reactions: Thermal decomposition may produce toxic vapors/fumes of amines or other organic materials

Incompatibility (Materials to Avoid): Other Cleaners or Deodorants

Hazardous Decomposition or By-products: Oxides of carbon and Nitrogen

Hazardous Polymerization: Will not Occur

Conditions to Avoid: None are known

11. Toxicological Information:

Signs and Symptoms of Overexposure: Causes burns or irritation on contact.

Acute Effects:

Eye Contact: Causes irreversible eye damage.

Skin Contact: Causes burns or irritation on contact

Inhalation: None Known

Ingestion: Harmful if swallowed

Target Organ Effects: None Known

Chronic Effects: None Known

Acute Toxicity Values:

Oral LD₅₀ 300 - 2000 mg/kg

Dermal LD₅₀ 1000 - 2000 mg/kg

Inhalation (Vapor) LC₅₀ 10 - 20 mg/l

12. Ecological Information:

Persistence and Degradability: Not Applicable

Bio Accumulative Potential: Not Applicable

Mobility in Soil: Not Applicable

Aquatic Toxicity: Not Applicable

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
California Cleaning Product Right to Know Act of 2017 (SB 258)

Raw Material	CAS No	Function	List
Water	7732-18-5	Diluent	Not Applicable
Quaternary Ammonium Compound	5538-94-3, 68391-01-5, 61789	Disinfectant	Not Applicable
ethylenediamine tetraacetate	64-02-8	Acid	Not Applicable
Fragrance	Withheld	Fragrance	Not Applicable
Ethylenediamine Tetraacetic Acid	60-00-4	Chelator	Not Applicable
Colorant	Withheld	Dye	Not Applicable

16. Other Information:

Prepared By: Jeremy Waldner
Telephone Number: 651-481-1900
Revision Date: 1/1/2020
Supersedes: 2/20/2018
This SDS applies to the following Part Numbers

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Health	2
Flammability	0
Physical hazards	0