

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**Multi-Clean®****2. Hazard Identification****GHS Classification:****Product as Sold**

Acute Oral Toxicity Category 4
Acute Dermal Toxicity Category 3
Skin Corrosion Category 1B
Serious Eye Damage Category 1
Short-term Aquatic Hazard Category 1
Long-term Aquatic Hazard Category 2

Label**Symbols****Signal Word** Danger**Hazard Statements:**

H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements:

Prevention: P260 Do not breathe mist or vapours.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P273 Avoid release to the environment.
P280 Wear protective gloves/ eye protection/ face protection.
Response: P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth.
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/ doctor.
P361 + P364 Take off immediately all contaminated clothing and wash it before reuse.
P391 Collect spillage.
Storage: P402 + P404 Store in a dry place. Store in a closed container.
P405 Store locked up.
P410 + P403 Protect from sunlight. Store in a well-ventilated place.
Disposal: P501 Dispose of contents/container in accordance with local regulations.

Product at Use Dilution

Product classified as non-hazardous

Signal Word**Hazard Statements**

Product Classified as Non-Hazardous

Precautionary Statements

Read label before use.

3. Composition/Information on Ingredients

Percent by Weight

Ingredient	CAS Number	Product as Sold	Product At Use Dilution
			No Hazardous Ingredients
Dimethyldioctylammonium Chloride	5538-94-3	10 - 12	
Quaternary Ammonium Compounds, Benzyl-C12-18-alkyldimethyl, chlorides	68391-01-5	6 - 8	
Quaternary ammonium compounds, coco alkyltrimethyl, chlorides	61789-18-2	4 - 6	

4. First-Aid Measures:

Product as Sold

- Inhalation:** IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CONTROL CENTER AND SEEK MEDICAL ATTENTION
- Ingestion:** IF SWALLOWED: Call a poison control center or doctor immediately. 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:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing at least 15 minutes.
- Skin Contact:** IF ON SKIN: Immediately take off all contaminated clothing. Wash with plenty of soap and water. Wash contaminated clothing before reuse.

Product at Use Dilution

- Inhalation** Move to fresh air.
- Ingestion** If Swallowed: If the person can swallow, give several glasses of water. Obtain medical attention.
- Eye Contact** Flush eyes with running water for several minutes. If irritation persists, obtain medical attention.
- Skin Contact** If irritation develops, discontinue Use. Rinse with cool water.

5. Fire Fighting Measures:

	Product as Sold	Product at Use Dilution
Suitable Extinguishing Media:	Water - Foam - Dry Chemical	Not Applicable
Special Fire Fighting Procedures:	Not Applicable	Not Applicable
Unusual Fire and Explosion Hazards	Products of combustion are toxic	None Known

6. Accidental Release Measures:

Contain spillage, and then collect with non-combustible ab-sorbent material, (e.g. sand, earth, diatomaceous earth, ver-miculite) and place in container for disposal according to local / national regulations. Do not flush into surface water or sanitary sewer system.

7. Handling and Storage:

Product as Sold

- Handling:** Read label before use. Avoid Contact with skin and eyes. Do not breath spray mist. Use only in well ventilated areas. Wash hands thoroughly after handling. Do not eat, drink, or smoke when using this product. Keep out of reach of children. Do not reuse empty container.
- Storage:** Store locked up. Store in a well ventilated place. Store only in original containers. Do not contaminate food or water by storage or disposal.

Product at Use Dilution

- Handling** Keep from freezing. Keep out of reach of children.
- Storage** Normal care for storage.

8. Exposure Controls / Personal Protection:

Exposure Limits:

Ingredients / Product as Sold	CAS Number	Osha PEL	ACGIH TLV
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm

Ingredients / Product at Use Dilution	CAS Number	8 Osha PEL RTU	8 ACGIH TLV RTU
None Listed	XXX	XXX	XXX

Exposure Controls:

- Engineering Controls:** Normal good ventilation is sufficient. If exposure levels are exceeded, use local ventilation.
- Personal Protective Equipment:**
- Eye Protection:** Approved Safety Goggles or Glasses
- Skin Protection:** Chemical Resistant Rubber Gloves
- Respiratory Protection:** In the case of vapor formation use an approved respirator

Product at Use Dilution

- Normal good ventilation is sufficient
- Approved Safety Goggles or Glasses
- Not Required
- Not Required

9. Physical and Chemical Properties:**Product as Sold****Physical State:** Liquid**Specific Gravity (H₂O = 1):** 0.98**Solubility:** Complete**Flammability:** None**Flash Point:** None**Boiling Point:** > 212° F (100°C)**Appearance:** Green**Vapor Pressure (MM HG):** Not Available**Vapor Density (Air = 1):** Not Available**Auto Ign Temp** Not Available**Decomposition Temp** Not Available**Freezing Point** 32 F**Odor:** Fresh Floral**Viscosity** <5 centipoise**pH:** 7 - 8.5**%volatile:** > 75%**LEL / UEL** Not Available**Evaporation Rate:** Not Available**Product at Use Dilution****Physical State:** Liquid**Specific Gravity (H₂O = 1):** 1.01**Solubility:** Complete**Flammability:** None**Flash Point:** None**Boiling Point:** > 212° F (100°C)**Appearance:** Green**Vapor Pressure (MM HG):** Not Available**Vapor Density (Air = 1):** >1**Auto Ign Temp:** Not Available**Decomposition Temp:** Not Available**Freezing Point:** Not Available**Odor:** Floral**Viscosity:** Not Available**pH:** 7 - 8**%volatile:** > 90%**LEL / UEL :** Not Available**Evaporation Rate:** Not Available**10. Stability and Reactivity:****Product as Sold****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**Product at Use Dilution****Chemical Stability:** Stable**Possibility of Hazardous Reactions** None are known**Incompatibility (Materials to Avoid):** None are known**Hazardous Decomposition or By-products:** None**Hazardous Polymerization:** Will not Occur**Conditions to Avoid:** None are known**11. Toxicological Information:****Product as Sold****Signs and Symptoms of Overexposure:** Causes severe skin burns and eye damage**Acute Effects:****Eye Contact:** Causes serious eye damage.**Skin Contact:** Causes severe skin burns. Toxic in contact with skin**Inhalation:** Toxic if inhaled. Avoid breathing mist and vapor.**Ingestion:** Harmful if swallowed**Target Organ Effects:** None Known**Chronic Effects:** None Known**Product at Use Dilution****Signs and Symptoms of Overexposure:** May cause irritation to eyes on direct contact.**Acute Effects:****Eye Contact:** May cause irritation on contact**Skin Contact:** None known**Inhalation:** None known**Ingestion:** May be harmful if swallowed**Target Organ Effects:** None known**Chronic Effects:** None known

Acute Toxicity Values:Oral LD₅₀Dermal LD₅₀Inhalation (Vapor) LC₅₀**Product AS SOLD**

LD50 (Rat, male and female): 1,140 mg/kg

LD50 (Rat, male and female): > 250 mg/kg

LC50 (Rat, male and female): 0.59 mg/l

Test atmosphere: vapour

Acute toxicity estimate: 40 mg/l

Exposure time: 4 h

Test atmosphere: vapour

Method: Calculation method

Product at Use Dilution

>5000 mg/kg

>5000 mg/kg

Vapors Considered Non-Toxic

12. Ecological Information:**Persistence and Degradability:**

Not Applicable

Bio Accumulative Potential:

Not Applicable

Mobility in Soil:

Not Applicable

Aquatic Toxicity:

Not Applicable

Product as Sold**Product at Use Dilution**

Product is Readily Biodegradable

Not Available

Not Available

Not Available

13. Disposal Considerations:**Product as Sold**

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.

Product at Use Dilution

Material that cannot be used during normal use should be disposed of in accordance with all applicable local, state and federal regulations. Waste from normal cleaning procedures may be disposed of in a sanitary sewer depending on the materials and/or contaminants being cleaned as well as local, state and federal sewer regulations.

14. Transportation Information:**UN Number:****Product as Sold**

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

Product at Use Dilution

None

Cleaning Compound, Liquid

None

None

NO

15. Regulatory Information:**TSCA Status:** All ingredients listed**Clean Water Act:** Edetic Acid (60-00-4) is listed in the Clean Water Act as a Hazardous Substance.**Clean Air Act:** None of the chemicals in this product are listed under the CAA**CERCLA Reportable Quantity:** Edetic Acid (60-00-4), > 5000 lbs.**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:** None**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 Compounds	5538-94-3, 68391-01-5, 61789-18-2	Disinfectant	Not Applicable
Ethylenediamine Tetraacetate	64-02-8	Chelator	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: Multi-Clean Regulatory

Telephone Number: 651-481-1900

Revision Date: 1/28/2025

Supersedes: 11/9/2022

This SDS applies to the following Part Numbers:

- 902492
- 902493
- 902495
- 902497
- 902494

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Health	3
Flammability	0
Physical hazards	0

Product as Sold



Health	0
Flammability	0
Physical hazards	0

Product at Use Dilution