

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****GHS Classification:****Product as Sold**Acute Toxicity Category 4
Skin Corrosion Category 1
Serious Eye Damage Category 1**Label Symbols****Signal Word** Warning**Hazard Statements:**

Danger

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.**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	Percent by Weight	
		Product as Sold	Product At Use Dilution
Dimethyldioctylammonium Chloride	5538-94-3	5 - 15	<1
Quaternary Ammonium Compounds, Benzyl-C12-18-alkyldimethyl, chlorides	68391-01-5	1 - 10	<1
Quaternary ammonium compounds, coco alkytrimethyl, chlorides	61789-18-2	1 - 10	<1
Tetrasodium Ethylenediamine Tetraacetate	64-02-8	1 - 5	<1
Ethyl Alcohol	64-17-5	1 - 5	<1
Water	7732-18-5	50 - 100	60 - 100

4. First-Aid Measures:**Product AS SOLD****Inhalation:** Move to fresh air.**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. Seek Immediate Medical Attention.

Skin Contact: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. If irritation persists, seek medical attention.

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 at least 15 minutes. If irritation persists, obtain medical attention.

Skin Contact If irritation develops, discontinue Use. Rinse with cool water.

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

Product as Sold

Product at Use Dilution

Not Applicable
 Not Applicable
 Not Applicable

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:

Product as Sold

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.

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
Personal Protective Equipment:
Eye Protection: Approved Safety Goggles or Glasses
Skin Protection: Chemical Resistant Rubber Gloves
Respiratory Protection: Not required, Avoid breathing spray mist

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	Appearance: Green	Odor: Fresh Floral
Specific Gravity (H2O = 1): 0.98	Vapor Pressure (MM HG): NA	Viscosity <5 centipoise
Solubility: Complete	Vapor Density (Air = 1): NA	pH: 7 - 8.5
Flammability: None	Auto Ign Temp NA	%volatile: > 75%
Flash Point: None	Decomposition Temp NA	LEL / UEL NA
Boiling Point: > 212° F (100°C)	Freezing Point 32 F	Evaporation Rate: NA

Product at Use Dilution

Physical State: Liquid	Appearance: Green	Odor: Floral
Specific Gravity (H2O = 1): 1.01	Vapor Pressure (MM HG): NA	Viscosity: NA
Solubility: Complete	Vapor Density (Air = 1): >1	pH: 7 - 8
Flammability: None	Auto Ign Temp: MA	%volatile: > 90%
Flash Point: None	Decomposition Temp: NA	LEL / UEL : NA
Boiling Point: > 212° F (100°C)	Freezing Point: NA	Evaporation Rate: NA

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 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

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 LD₅₀ 300 - 2000 mg/kg

Dermal LD₅₀ 1000 - 2000 mg/kg

Inhalation (Vapor) LC₅₀ 10 - 20 mg/l

Product AS SOLD

Product at Use Dilution

>5000 mg/kg

>5000 mg/kg

Vapors Considered Non-Toxic

12. Ecological Information:

Product as Sold

Persistence and Degradability: Not Applicable

Bio Accumulative Potential: Not Applicable

Mobility in Soil: Not Applicable

Aquatic Toxicity: Not Applicable

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:

	Product as Sold	Product at Use Dilution
UN Number:	UN1903	None
Shipping Name:	Disinfectant, Liquid, Corrosive, N.O.S. (Quaternary Ammonium) Limited Quantity for 1 G container or less.	Cleaning Compound, Liquid
Transport Hazard Class:	8	None
Packing Group:	III	None
Marine Pollutant:	NO	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: Mike Tarvin
Telephone Number: 651-481-1900
Revision Date: 8/31/2020
Supersedes: 1/1/2020
This SDS applies to the following Part Numbers:
 902492
 902493
 902495
 902497
 902494

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Health	1
Flammability	0
Physical hazards	0

Product as Sold



Health	0
Flammability	0
Physical hazards	0

Product at Use Dilution