1. Identification

429

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

2. Hazard Identification

Classification:

Health Class | **Physical Class** | **Environment Class**

Acute Toxicity Category 4
Skin Corrosion Category 1
Serious Eye Damage Category 1

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	CAS Number	Osha PEL	ACGIH TLV
Ethyl Alcohol	64-17-5	1000 ppm	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

Appearance: Green

Odor: Fresh Floral

Solubility: Complete

Evaporation Rate: NA

Vapor Pressure (MM HG): NA

Vapor Density (Air = 1): NA

pH: 7 - 8.5

Specific Gravity (H2O = 1): 0.98

Flammability: None

Flash Point: None

Boiling Point: > 212° F (100°C)

%volatile: > 75%

10. Stability and Reactivity:

Chemical Stability: Stable

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

Incompatability (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 LD $_{50}$ 300 - 2000 mg/kg

Dermal LD $_{50}$ 1000 - 2000 mg/kg

Inhalation (Vapor) LC $_{50}$ 10 - 20 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: 2/20/2018

Supersedes: 7/21/2014

This SDS applies to the following Part Numbers

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