



Section I: Product Identity/Manufacturer's Name (EPA Formulator Establishment)

Product Identity

SUV Ultra 5 (Disinfecting Concentrate Solution*)

- EPA Registration #: 6836-366-70809

*Note: The information contained in this SDS applies to SUV Ultra 5 concentrate only, unless otherwise specified. For information regarding use dilution, contact OSHA Review, Inc.

Telephone Numbers

Emergency Assistance (24-Hour):

- Poison Control – 1-800-222-1222
- Chemtrec – 1-800-424-9300

General Assistance (M-F 8:30-4:30 PST):

OSHA Review, Inc – 800-555-6248

Section II: Hazards Identification

GHS Classification

- Serious eye damage: Category 1
- Skin Corrosion: Category 1B
- Acute toxicity (inhalation): Category 2
- Acute toxicity (dermal): Category 3
- Acute toxicity (oral): Category 4



Signal Word: Danger

Hazard Statements

- H314:** Causes skin burns and eye damage.
- H330:** Fatal if inhaled.
- H311:** Toxic in contact with skin.
- H302:** Harmful if swallowed.



Precautionary Statements – Prevention

- P264:** Wash skin thoroughly after handling.
- P270:** Do not eat, drink, or smoke when using this product.
- P280:** Wear protective gloves/protective clothing/eye and face protection.

Precautionary Statements – Response

- P301 + P312 + P330 + P331:** If swallowed, call Poison

Control/ doctor if you feel unwell; rinse mouth. Do not induce vomiting.

- **P303 + P361 + P353:** If on skin or hair, take off all contaminated clothing immediately; rinse with water/shower.

- **P304 + P340 + P310:** If inhaled, remove person to fresh air and keep comfortable for breathing. Immediately call Poison Control/doctor.

- **P305 + P351 + P338 + P310:** If in eyes, rinse cautiously with water for several minutes; remove contact lenses if present and easy to do; continue rinsing; immediately call Poison Control/doctor.

- **P362:** Take off contaminated clothing; wash before reuse.

Precautionary Statements – Storage

- **P405:** Store locked up.

Precautionary Statements – Disposal

- **P501:** Dispose of contents/container to an approved waste disposal plant.

• **Other Hazards:** The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity: 9.25%

Section III: Composition/Information on Ingredients

Chemical Name	Percentage	CAS #
Dimethyldioctylammonium chloride	5.0 – 10.0	5538-94-3
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	1.0 – 5.0	68391-01-5
Quaternary ammonium compounds, coco alkyltrimethyl, chlorides	5.0 – 10.0	61789-18-2

Section IV: First Aid Measures

- If Inhaled:** Move to fresh air; if breathing is irregular or stopped, administer artificial respiration; give oxygen; first aider must take precautions; call a doctor immediately.
- In Case of Skin Contact:** Take off all contaminated clothing immediately; after contact with skin, wash immediately with plenty of soap and water; call a doctor immediately.
- In Case of Eye Contact:** Rinse immediately with plenty of

water, also under the eyelids, for at least 15 minutes; call a doctor immediately.

- If Swallowed:** Call a doctor immediately; clean mouth with water and drink plenty of water afterwards; do not induce vomiting without medical advice; never give anything by mouth to an unconscious person.

Section V: Fire Fighting Measures

- Extinguishing Media:** Water spray, dry powder, foam
- Further Information:** Use water spray to cool unopened containers.

- Special Protective Equipment for Firefighters:** In the event of fire, wear self-contained breathing apparatus.

Section VI: Accidental Release Measures

- Personal Precautions, Protective Equipment, and Emergency Procedures:** Use respirator when performing operations involving potential exposure to product vapor.
- Environmental Precautions:** Do not flush into surface water or sanitary sewer system.

- Methods and Materials for Containment and Cleaning up:** Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite), and place in container for disposal according to local/state/federal regulations (see Section XIII).

Section VII: Handling/Storage/Disposal

- **Advice on Protection against Fire and Explosion:** Take precautionary measures against static discharges.
- **Advice on Safe Handling:** Avoid contact with skin and eyes; provide sufficient air exchanges and/or exhaust in work areas.

Section VIII: Exposure Control/Personal Protection

- **Components with Workplace Control Parameters**
 - Contains no substances with occupational exposure limits.
- **Personal Protective Equipment**
 - **Respiratory Protection:** In the case of vapor formation, use a respirator with an approved filter.
 - **Hand Protection:** Protective gloves
 - **Skin and Body Protection:** Choose body protection according to the amount and concentration of the dangerous substance at the workplace. Rubber or plastic apron/boots
 - **Eye Protection:** Safety goggles
 - **Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice.

Section IX: Physical/Chemical Properties

- **Appearance:** Liquid
- **Color:** No data available
- **Odor/Odor Threshold:** No data available
- **pH of Concentrate Solution:** 7.75
- **Melting Point/Freezing Point:** No data available
- **Boiling Point:** No data available
- **Flash Point:** > 99°C / 210°F
- **Evaporation Rate:** No data available
- **Flammability (solid, liquids, gas):** No data available
- **Upper Explosion Limit:** No data available
- **Lower Explosion Limit:** No data available
- **Vapor Pressure:** No data available
- **Relative Vapor Density:** No data available
- **Relative Density:** 0.9983
- **Water Solubility:** No data available
- **Partition Coefficient: n-octanol/water:** No data available
- **Auto-ignition Temperature:** No data available
- **Decomposition Temperature:** No data available
- **Viscosity, Dynamic:** No data available
- **Viscosity, Kinematic:** 2.024 mm²/s @ 25°C

Section X: Stability/Reactivity

- **Reactivity:** Stable under recommended storage conditions.

Section XI: Toxicological Information

- **Acute Toxicity**
 - Acute oral toxicity (LD50): 1,140 mg/kg
Species: Rat (male and female)
 - Acute inhalation toxicity (LC50): < 0.59 mg/l
Species: Rat (male and female)
 - Acute dermal toxicity (LD50): > 250 mg/kg
Species: Rat (male and female)
- **Skin Corrosion/Irritation:** Moderate skin irritation
- **Eye Damage/Irritation:** Can cause severe eye irritation
- **Carcinogenicity**
 - **IARC:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.
 - **NTP:** No component of this product present at levels greater than equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
 - **ACGIH:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
 - **OSHA:** No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Section XII: Ecological Information

Ecotoxicity

- **Persistence and Degradability:** No data available
- **Bioaccumulative Potential**
 - **Components:** Dimethyldioctylammonium chloride
 - **Partition Coefficient: n-octanol/water:**
 - Pow 1.2 (21°C), log Pow: 0.1 (21°C)
 - pH: > 6 - < 8
 - Method: OECD Test Guideline 107
 - GLP: Yes
- **Mobility in Soil:** No data available
- **Ozone-Depletion Potential:** Regulation: US EPA Clean Air Act (CAA) Section 602 Ozone-Depleting Substances (40 CFR 82, Subpt A, App A & B). Remarks: This product neither contains nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App. A + B).

Section XIII: Disposal Considerations

Disposal methods: Contaminated packaging – Dispose of contents/container in accordance with local regulations.

Section XIV: Transport Information

- **IATA**
 - **UN Number:** 1760
 - **Proper Shipping Name:** Corrosive liquid, N.O.S. (Cocoalkyltrimethylammoniumchloride)
 - **Transport Hazard Class:** 8
 - **Packing Group:** II
 - **Labels:** 8
- **Environmental Hazards:** No
- **IMDG**
 - **UN Number:** 1760
 - **Proper Shipping Name:** Corrosive liquid, N.O.S. (Cocoalkyltrimethylammoniumchloride)
 - **Transport Hazard Class:** 8
 - **Packing Group:** II

- **Labels:** 8
- **EmS Number 1:** F-A
- **EmS Number 2:** S-B
- **Environmental Hazards:** Marine pollutant: No
- **ADR**
 - **UN Number:** 1760
 - **Proper Shipping Name:** Corrosive liquid, N.O.S. (Cocoalkyltrimethylammoniumchloride)
 - **Transport Hazard Class:** 8
 - **Packing Group:** II
 - Classification Code: C9
 - Hazard Identification Number: 80
 - Labels: 8
 - **Environmental Hazards:** No
- **RID**
 - **UN Number:** 1760
 - **Proper Shipping Name:** Corrosive liquid, N.O.S. (Cocoalkyltrimethylammoniumchloride)
 - **Transport Hazard Class:** 8
 - **Packing Group:** II
 - Classification Code: C9
 - Hazard Identification Number: 80

- Labels: 8
- **Environmental Hazards:** No
- **Special Precautions for User:** None
- **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable
- **DOT**
 - **UN Number:** 1903
 - **Proper Shipping Name:** Disinfectants, liquid, corrosive N.O.S. (Cocoalkyltrimethylammoniumchloride)
 - **Transport Hazard Class:** 8
 - **Packing Group:** II
 - Labels: 8
 - Emergency Response Guidebook Number: 153
 - **Environmental Hazards:** No
- **TDG**
 - **UN Number:** 1760
 - **Proper Shipping Name:** Corrosive liquid, N.O.S. (Cocoalkyltrimethylammoniumchloride)
 - **Transport Hazard Class:** 8
 - **Packing Group:** II
 - Labels: 8
 - **Environmental Hazards:** No

Section XV: Regulatory Information

U.S. Regulations

This chemical is a pesticide product registered by the U.S. Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals.

- **Signal Word:** DANGER!
- **Hazard Statements:** Corrosive. Causes skin burns.
- **EPA Registration Number:** 6836-366-70809
- **EPCRA – Emergency Planning and Community Right-to-Know Act**
- **CERCLA Reportable Quantity (RQ)**

Component	CAS #	Component RQ	Calc. Product RQ
Edetic acid	60-00-4	5000 lbs.	*

* Calculated RQ exceeds reasonably attainable upper limit.

- **SARA 302/304/313:** None
- **SARA 311/312 Hazards:** See above: Section 2 – Hazards Identification
- **Clean Air Act:** This product does not contain any hazardous air pollutants or chemicals as defined by the U.S. Clean Air Act Sections 112, 112(r), 111, 450, and 602.
- **Clean Water Act:** The following hazardous chemicals are listed under the U.S. Clean Water Act Section 311 Table 117.3 and Table 116.4A:

Components	CAS #	Component RQ
117.3: Edetic Acid	60-00-4	5000 lbs.

This product does not contain any toxic pollutants listed under

Section XVI: Other Information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, transportation, disposal, and release, and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified.

the Clean Water Act, Section 307.

State Regulations

- **Massachusetts Right-To-Know**

Components	CAS #
Edetic Acid	60-00-4

- **Pennsylvania Right-to-Know**

Components	CAS #
Quaternary ammonium compounds, coco alkyltrimethyl, chlorides	61789-18-2
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	68391-01-5
Dimethyldioctylammonium chloride	5538-84-3
Tetrasodium ethylenediaminetetraacetate	64-02-8
Edetic Acid	60-00-4

- **New Jersey Right-To-Know**

Components	CAS #
Quaternary ammonium compounds, coco alkyltrimethyl, chlorides	61789-18-2
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	68391-01-5
Dimethyldioctylammonium chloride	5538-84-3
Tetrasodium ethylenediaminetetraacetate	64-02-8
Edetic Acid	60-00-4

- **California Proposition 65:** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.