

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

**Product Identity**

**SUV Ultra Disinfecting Wipes**

- Quaternary Ammonium Detergent Blend on Non-reactive Wipe Material
- EPA Registration #: 6836-372-70809

**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**

- Eye irritation: Category 2B
- Short-term (acute) aquatic hazard: Category 2
- Long-term (chronic) aquatic hazard: Category 3
- Acute toxicity (dermal): Category 3
- Acute toxicity (oral): Category 4

**Signal Word:** Warning

**GHS Label Elements:**

- **H320:** Causes eye irritation.
- **H401:** Toxic to aquatic life.
- **H412:** Harmful to aquatic life with long lasting effects.

**Precautionary Statements – Prevention:**

- **P264:** Wash skin thoroughly after handling.
- **P273:** Avoid release to the environment.

**Response:**

- **P305 + P351 + P338:** If in eyes, rinse cautiously with water for several minutes; remove contact lenses if present and easy to do; continue rinsing.
- **P337 + P313:** If eye irritation persists, get medical advice/attention.

**Disposal:**

- **P501:** Dispose of contents/container in accordance with local regulations.

**Other Hazards:** None known.

**Section III: Composition/Information on Ingredients**

Chemical Name	CAS #	Percentage
2-Aminoethanol	141-43-5	>=0.3 - <0.5
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	>=0.1 - <0.2
Decyldimethyloctylammonium chloride	32426-11-2	>=0.1 - <0.2
Alcohols, C12-14-secondary, ethoxylated	84133-50-6	>=0.1 - <0.2
Didecyldimethylammonium chloride	7173-51-5	>=0.025 - <0.1
Dimethyldioctylammonium chloride	5538-94-3	>=0.025 - <0.1
Polyhexamethylene biguanide hydrochloride	32289-58-0	>=0.0025 - <0.025

**Section IV: First Aid Measures**

- **If Inhaled:** Move to fresh air; if breathing is irregular or stopped, administer artificial respiration.
- **In Case of Skin Contact:** After contact with skin, wash immediately with plenty of soap and water; consult a doctor.
- **In Case of Eye Contact:** In the case of contact with eyes, rinse immediately with plenty of water, and seek medical advice; 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.
- Most important symptoms and effects, both acute and delayed: No information available.
- Notes to doctor: No information available.

**Section V: Fire Fighting Measures**

- **Suitable Extinguishing Media:** Water spray, dry powder, foam
- **Specific Hazards During Firefighting:** Heating or fire can release toxic gas.

- **Further Information:** Use water spray to cool unopened containers.
- **Special 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:** Avoid dust formation; use

personal protective equipment.

- **Environmental Precautions:** Prevent product from

entering drains.

- **Methods and Materials for Containment and Cleaning up:** Sweep up or vacuum up spillage and collect in

suitable container for disposal; do not flush into surface water or sanitary sewer system.

## Section VII: Handling/Storage/Disposal

- **Advice on Protection Against Fire & Explosion:** Avoid dust formation; take precautionary measures against static discharges.
- **Advice on Safe Handling:** Provide sufficient air exchange and/or exhaust in work rooms; avoid formation of respirable particles; avoid contact with skin and eyes.
- **Conditions for Safe Storage:** Keep container tightly closed and dry.
- **Further Information on Storage/Technical Measures/Precautions:** Keep away from food, drink, and animal feedingstuffs.

## Section VIII: Exposure Control/Personal Protection

- **Components with Workplace Control Parameters:**

Components	CAS #	Control parameters
2-Aminoethanol	141-43-5	ACGIH TWA-3ppm
		ACGIH STEL-6ppm
		OSHA PEL-3ppm / 6mg/m <sup>3</sup>
		OSHA STEL-6ppm / 15mg/m <sup>3</sup>
Polyhexamethylene biguanide hydrochloride	32289-58-0	LIGEL TWA-0.012mg/m <sup>3</sup>

- **Personal Protective Equipment:**
  - **Respiratory Protection:** In the case of dust or aerosol formation, use a respirator with an approved filter.
  - **Hand Protection:** Handle in accordance with good industrial hygiene and safety practice.
  - **Eye Protection:** Handle in accordance with good industrial hygiene and safety practice; safety goggles.
  - **Skin and Body Protection:** No special protective equipment required.
  - **Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice.

## Section IX: Physical/Chemical Properties

- **Appearance:** Liquid
- **Color:** No data available
- **Odor:** Varies with fragrance added
- **Odor Threshold:** No data available
- **pH of Concentrate Solution:** 10.16 (77°F/25°C)
- **Melting Point/Range:** Not determined
- **Boiling Point/Range:** Not determined
- **Flash Point:** > 210°F/99°C; does not flash
- **Evaporation Rate:** No data available
- **Flammability (solid, gas, liquid):** 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:** 1.008 (73°F/23°C)
- **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:** 0.623 mPa.s (114.8°F/46.0°C)
- **Viscosity, Kinematic:** 1.636 mm<sup>2</sup>/s (70°F/21°C)

## Section X: Stability/Reactivity

- **Reactivity:** Stable under recommended storage conditions.
- **Chemical Stability:** Stable under normal conditions.
- **Possibility of Hazardous Reactions:** None known; stable.
- **Conditions to Avoid:** Strong oxidizing agents.
- **Hazardous Decomposition Products:** Thermal decomposition can lead to release of irritating gases and vapors.

## Section XI: Toxicological Information

- **Information on Likely Routes of Exposure:** Eyes, skin, ingestion, inhalation
- **Acute Toxicity**
  - Acute oral toxicity-LD50 (Rat): > 5,000 mg/kg
  - Acute dermal toxicity-LD50 (Rat): > 5,000 mg/kg
- **Serious Eye Damage/Irritation:** Mild 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:** No data available
- **Persistence and Degradability:** No data available
- **Bioaccumulative Potential: Components:**
  - **2-Aminoethanol:** Partition coefficient: n-octanol/water – log Pow: 1.91 (25°C), Method: OECD Test Guideline 107
  - **Quaternary Ammonium Compounds, benzyl-C12-16-alkyldimethyl, chlorides:** Partition coefficient: n-octanol/water – log Pow: 2.75 (20°C), Method: OECD Test Guideline 107, GLP: yes
  - **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
- **Polyhexamethylene biguanide hydrochloride:** log Pow: -2.3 (25°C)
- **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).
- **Additional Ecological Information:** No data is available on the product itself.

## Section XIII: Disposal Considerations

### Disposal methods:

- **Waste from residues:** Dispose of in accordance with local regulations.
- **Contaminated packaging:** Dispose of as unused product.

## Section XIV: Transport Information

- **IATA:** Not dangerous goods
  - **UN Number:** Not applicable
  - **Proper Shipping Name:** Not applicable
  - **Transport Hazard Class:** Not applicable
  - **Packing Group:** Not applicable
- **IMDG:** Not dangerous goods
  - **UN Number:** Not applicable
  - **Proper Shipping Name:** Not applicable
  - **Transport Hazard Class:** Not applicable
  - **Packing Group:** Not applicable
- **ADR:** Not dangerous goods
  - **UN Number:** Not applicable
  - **Proper Shipping Name:** Not applicable
  - **Transport Hazard Class:** Not applicable
  - **Packing Group:** Not applicable
- **RID:** Not dangerous goods
  - **UN Number:** Not applicable
- **Proper Shipping Name:** Not applicable
- **Transport Hazard Class:** Not applicable
- **Packing Group:** Not applicable
- **DOT:** Not dangerous goods
  - **UN Number:** Not applicable
  - **Proper Shipping Name:** Not applicable
  - **Transport Hazard Class:** Not applicable
  - **Packing Group:** Not applicable
- **TDG:** Not dangerous goods
  - **UN Number:** Not applicable
  - **Proper Shipping Name:** Not applicable
  - **Transport Hazard Class:** Not applicable
  - **Packing Group:** Not applicable
- **Special Precautions for User:** None
- **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable

## Section XV: Regulatory Information

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:** CAUTION!
- **Hazard Statements:** Causes moderate eye irritation.
- **EPA No.:** 6836-372-70809

**US EPCRA – Emergency Planning and Community Right-to-Know Act: CERCLA Reportable Quantity (RQ):**

Component	CAS #	Component RQ	Calculated Product RQ
Ethanol	64-17-5	100 lbs.	*

\* Calculated RQ exceeds reasonably attainable upper limit.

**US SARA 304:** This material does not contain any components with a Section 304 EHS RQ

**US SARA 311/312 Hazards:** See above: Section II – Hazards Identification.

**US SARA 313:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### US Clean Air Act:

- 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).
- This product does not contain any hazardous air pollutants (HAPs) as defined by the U.S. Clean Air Act

Sections 112.

- This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112@ for Accidental Release Prevention (40 CFR 68.130, Subpt. F).
- The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOCs (40 CFR 60.489):

Components	CAS #	Concentration
2 Aminoethanol	141-43-5	>= 0.1 - < 1%
Ethanol	64-17-5	>= 0.01 - < 0.1%

- This product does not contain any VOC exemptions listed under the U.S. Clean Air Act Section 450.

#### US Clean Water Act:

- The following Hazardous Chemicals are listed under the U.S. Clean Water Act Section 311, Table 117.3 or Table 116.4A:

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

- The following Hazardous Substances are listed under the U.S. Clean Water Act Section 311, Table 116.4A:

Components	CAS #	Concentration
116.4A: Edetic Acid	60-00-4	>= 0.1 - < 1%

- This product does not contain any toxic pollutants listed under the Clean Water Act, Section 307.

**US TSCA:** This product falls under research and development.

#### US State Regulations

**Massachusetts Right-To-Know:** No components are subject to the Massachusetts Right-to-Know Act.

- **Pennsylvania Right-to-Know:**

Components	CAS #
Water	7732-18-5

- **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.

#### Canadian Lists

- **NPRI:** No component listed on NPRI.

## Section XVI: Other Information

### Full Text of Abbreviations

CFR:	Code of Federal Regulations
ACGIH:	American Conference of Governmental Industrial Hygienists
LIGEL:	Lonza Internal Guidance Exposure Level
OSHA:	Occupational Safety and Health Administration (29 CFR 1910.1000, Table Z-1 and Table Z-1-A)
ASTM:	American Society for the Testing of Materials
CERCLA:	Comprehensive Environmental Response, Compensation, and Liability Act
DOT:	Department of Transportation
EHS:	Extremely Hazardous Substance
GHS:	Globally Harmonized System
GLP:	Good Laboratory Practice
IARC:	International Agency for Research on Cancer
IATA:	International Air Transport Association
IBC:	International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk
IMDG:	International Maritime Dangerous Goods
NPRI:	Canadian National Pollutant Release Inventory
LD50:	Lethal Dose to 50% of a test population (Median Lethal Dose)
MARPOL:	International Convention for the Prevention of Pollution from Ships
OECD:	Organization for Economic Co-operation and Development
SARA:	Superfund Amendments and Reauthorization Act
SDS:	Safety Data Sheet
TSCA:	Toxic Substances Control Act

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 a 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 in the text.