

# SAFETY DATA SHEET

Date issued : 09/22/2020

SDS number : Kandel & Son\_CamPRO Hard Surface Sanitizer

Date revised : 11/08/2024

Revision number : 3

## CamPRO Hard Surface Sanitizer

### 1. Identification

**Product identifier:** CamPRO Hard Surface Sanitizer

**Product description:** Food Contact Surface Sanitizer

**Chemical family:** Quaternary ammonium chloride blend

**Relevant identified uses:** Ready to Use Sanitizer for Food Contact Surfaces in Food Processing Plants and Restaurants.

#### Distributor

Kandel & Son, Inc.

155 Dupont Street

Plainview, NY 11803

**Customer Service:** 516-931-4455

**EPA reg. No.:** 6836-290-40976

#### Emergency telephone number (24 hour)

**CHEM-TEL (Medical and Transportation):** 800-255-3924

**POISON CONTROL CENTER (Medical):** 800-222-1222

### 2. Hazard identification

#### Label elements

Based on available data, the classification criteria are not met. Handle in accordance with good industrial hygiene and safety practice. Not a hazardous substance or mixture according to US Regulation 29 CFR §1910.1200.

#### Emergency overview

**Physical appearance:** Colorless Liquid

**Immediate concerns:** No known significant effects or critical hazards.

#### Potential health effects

**Eye:** No known significant effects or critical hazards.

**Skin:** No known significant effects or critical hazards.

**Skin absorption:** No known significant effects or critical hazards.

**Ingestion:** May cause temporary stomach distress, nausea or vomiting.

**Inhalation:** No known significant effects or critical hazards.

#### Reproductive toxicity

**Reproductive toxicity:** No known significant effects or critical hazards.

**Teratogenic effects:** No known significant effects or critical hazards.

**Carcinogenicity:** No known significant effects or critical hazards.

**Mutagenicity:** No known significant effects or critical hazards.

**Routes of entry:** Eye, skin, ingestion.

**Warning caution labels:** None

### 3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Octyl decyl dimethyl ammonium chloride	0.006	32426-11-2
Diocetyl dimethyl ammonium chloride	0.0024	5538-94-3
Didecyl dimethyl ammonium chloride	0.0036	7173-51-5
Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride	0.008	68424-85-1
Water	99.98	7732-18-5

### 4. First-aid measures

**Eye:** 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:** Wash with soap and water. Get medical attention if irritation develops or persists.

**Ingestion:** 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. Do not give anything by mouth to an unconscious person.

**Inhalation:** Remove victim to fresh air and monitor. Seek medical advice if irritation develops or persists.

## Most important symptoms and effects, both acute and delayed

**Eye:** No known significant effects or critical hazards.

**Skin:** No known significant effects or critical hazards.

**Skin absorption:** No known significant effects or critical hazards.

**Ingestion:** May cause temporary stomach distress, nausea or vomiting.

**Inhalation:** No known significant effects or critical hazards.

**Acute effects:** No known significant effects or critical hazards.

## 5. Fire-fighting measures

**Flammable class:** None

**General hazard:** Heating or fire can release toxic gas.

**Suitable extinguishing media:** Water spray, alcohol-resistant foam, or dry chemical.

**Other considerations:** Use water spray to cool unopened containers.

**Explosion hazards:** Fire exposed containers may burst due to increased pressure from heat.

**Fire fighting equipment:** In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

## 6. Accidental release measures

**Small spill:** Avoid runoff into storm sewers and ditches which lead to waterways.

**Large spill:** Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

### Environmental precautions

**Water spill:** Avoid discharges into open waterways and notify your local emergency services if this occurs.

**Land spill:** Avoid discharge to soil.

**Air spill:** NA = Not Applicable

**General procedures:** Keep area clear of personnel until area has been properly cleaned.

**Special protective equipment:** Eye protection, rubber gloves.

## 7. Handling and storage

**General procedures:** Do not contaminate water, food, or feed by storage or disposal.

**Precautions for safe handling:** Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.

**Conditions for safe storage:** Open dumping is prohibited. Store in original container in areas inaccessible to children.

**Storage temperature:** Store at ambient temperatures.

**Storage pressure:** Store at ambient atmospheric pressure.

## 8. Exposure controls/personal protection

### Individual protection measures, such as personal protective equipment

**Eye / face protection:** Safety glasses with side shields.

**Skin protection - hand protection:** Rubber or other chemical resistant gloves.

**Respiratory protection:** A respirator is not needed under normal and intended conditions of product use.

**Occupational hygiene practices:** Wash with soap and water after handling. Do not eat, drink or smoke while using product.

**Other use precautions:** Handle according to established industrial hygiene and safety practices.

## 9. Physical and chemical properties

**Physical state:** Liquid

**Color:** Colorless

**Odor:** Characteristic.

**Odor threshold:** Not Established

**pH:** 8.0 to 11.0

**Melting point:** No data available

**Freezing point:** 32° F; 0° C

**Initial boiling point and boiling range:** 212° F; 100° C

**Flash point:** >200°F (>93°C)

**Evaporation rate (n-butyl acetate = 1):** No data available

**Lower explosion limit / flammability limit:** N/A

**Vapor pressure:** No data available

**Relative vapor density:** No data available

**Density:** 8.34 at 20°C (68°F) 1 at 20°C (68°F)

**Relative density:** 1.000 grams/ml. at 25°C (77°F)

**Solubility:** Complete

**Auto-ignition temperature:** NA = Not Applicable

**Decomposition temperature:** Not Available

**Viscosity:** Water thin.

**Percent volatiles:** >98

VOC content: None

## 10. Stability and reactivity

**Reactivity:** Stable

**Dangerous polymerization:** Will not occur.

**Conditions to avoid:** Not Established

**Hazardous decomposition products:** None Expected.

**Incompatible materials:** Strong oxidizers

## 11. Toxicological information

### Acute toxicity

Chemical name	LD <sub>50</sub> (oral) mg/kg(rat)	LD <sub>50</sub> (dermal) mg/kg(rabbit)	LC <sub>50</sub> (inhalation) mg/l
Octyl decyl dimethyl ammonium chloride	229 mg/kg (rat)	421 mg/kg (rabbit)	
Diocetyl dimethyl ammonium chloride	229 mg/kg (rat)	421 mg/kg (rabbit)	
Didecyl dimethyl ammonium chloride	238 mg/kg (rat)	3342 mg/kg (rabbit)	
Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride	229 mg/kg (rat)	421 mg/kg (rabbit)	No data available

**Acute dermal toxicity LD<sub>50</sub>:** No known significant effects or critical hazards.

**Acute oral toxicity LD<sub>50</sub>:** No known significant effects or critical hazards.

**Acute inhalation toxicity LC<sub>50</sub>:** No known significant effects or critical hazards.

**Skin corrosion / irritation:** No known significant effects or critical hazards.

**Serious eye damage / irritation:** No known significant effects or critical hazards.

**Respiratory or skin sensitization:** No known significant effects or critical hazards.

**Germ cell mutagenicity:** No known significant effects or critical hazards.

### Carcinogenicity

**IARC:** No listed substance

**Reproductive toxicity:** No known significant effects or critical hazards.

**Specific Target Organ Toxicity - single exposure:** No known significant effects or critical hazards.

## 12. Ecological information

**Ecotoxicological information:** Not Established

**Aquatic toxicity, both acute and chronic:** Not Established

**Environmental data:** Not Established

## 13. Disposal considerations

**Disposal methods:** Attempt to use product completely in accordance with intended use. 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.

**For large spills:** Consult with local and state authorities for large volume disposal.

**Empty container:** Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## 14. Transport information

### USA Department of Transport Regulations (DOT)

**UN proper shipping name:** Not regulated.

**Placards:** None

**Hazard label:** None

**U.S. Customs harmonization number:** 3808.94.5000

### ADR / RID - road / rail

**UN proper shipping name:** Contact manufacturer for more information.

### ICAO - air

**UN proper shipping name:** Contact manufacturer for more information.

### IMDG - sea

**UN proper shipping name:** Contact manufacturer for more information.

## 15. Regulatory information

UNITED STATES

**SARA Section 311/312 Hazard Categories**

**311/312 Health hazards:** Health - Acute

**313 reportable ingredients:** No listed substance

**EPCRA Section 302 Extremely Hazardous Substances**

**EPCRA Status:** No listed substance

**CERCLA Hazardous Substances and Reportable Quantities (RQ)**

**CERCLA regulatory:** No listed substance

**TSCA (The Toxic Substances Control Act)**

**TSCA regulatory:** All ingredients are listed on the TSCA Chemical Inventory.

**California Proposition 65:** No listed substance

**Carcinogen:** No listed substance

**FIFRA (federal insecticide, fungicide, and rodenticide act):** Regulated as a pesticide. Refer to Section 1 for EPA registration numbers.

**16. Other information**

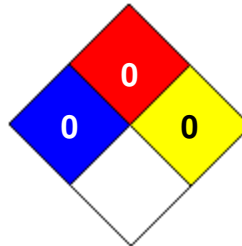
**Date revised:** 11/08/2024

**Revision summary:** This SDS replaces the 06/12/2024 SDS. Revised: **Section 1:** EPA reg. No.. **Section 2:** .

**HMIS rating**

<b>Health</b>	0
<b>Flammability</b>	0
<b>Physical hazard</b>	0
<b>Personal protection</b>	A

**NFPA codes**



**Manufacturer disclaimer:** This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of the product either alone or in combination with other products. It is the responsibility of the employer and/or user to provide a safe workplace, using health and safety information contained herein as a guide. This company will accept no liability for damages or losses incurred from the improper handling and use of this product.