

# SAFETY DATA SHEET

Date issued : 05/01/2015  
SDS number : Clark\_Noble Chemical Sani 512  
Date revised : 07/15/2021  
Revision number : 1

## Noble Chemical Sani 512

### 1. Identification

**Product identifier:** Noble Chemical Sani 512  
**Product description:** Sanitizer, Disinfectant, Deodorant  
**Chemical family:** Quaternary Ammonium Chloride  
**Relevant identified uses:** Food service sanitizer

#### Distributor

Clark Core Services, LLC.  
2205 Old Philadelphia Pike  
Lancaster, PA 17602

**Customer Service:** 1-888-256-6400

**EPA reg. No.:** 6836-266-65239

#### Emergency telephone number (24 hour)

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

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

### 2. Hazard identification

#### Classification of the substance or mixture

##### Health hazards:

Acute Toxicity (Oral), Category 4  
Skin Corrosion, Category 1  
Serious Eye Damage, Category 1

#### Label elements



Corrosion



Exclamation  
mark

**Signal word:** DANGER

#### Hazard statement(s)

H302: Harmful if swallowed.  
H314: Causes severe skin burns and eye damage.  
H318: Causes serious eye damage.

#### Precautionary statement(s)

##### Prevention:

P260: Do not breathe mist, spray, vapors.  
P264: Wash hands thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

##### Response:

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310: Immediately call a POISON CENTER or doctor/physician.  
P330: Rinse mouth.  
P363: Wash contaminated clothing before reuse.

##### Storage:

P405: Store locked up.

##### Disposal:

P501: Dispose of contents/container according to all local, state and Federal regulations.

#### Emergency overview

**Physical appearance:** Clear Liquid

**Immediate concerns:** Corrosive to the eyes and skin. Harmful if swallowed.

**Potential health effects**

**Eye:** Corrosive, contact causes severe eye burns.

**Skin:** Corrosive to skin.

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

**Ingestion:** Harmful if swallowed.

**Inhalation:** Vapors may be irritating to eyes and respiratory tract.

**Reproductive toxicity**

**Reproductive toxicity:** None known.

**Teratogenic effects:** None known.

**Carcinogenicity:** None known.

**Mutagenicity:** None known.

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

**Warning caution labels:** Corrosive

**3. Composition/information on ingredients**

| Chemical name   | % w/w   | CAS No.    |
|---|---------|------------|
| Octyl decyl dimethyl ammonium chloride                              | 3       | 32426-11-2 |
| Dioctyl dimethyl ammonium chloride                                  | 1.2     | 5538-94-3  |
| Didecyl dimethyl ammonium chloride                                  | 1.8     | 7173-51-5  |
| Alkyl (C14 50%; C12 40%; C16 10%) Dimethyl Benzyl Ammonium Chloride | 4       | 68424-85-1 |
| Water   | 80 - 90 | 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:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**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:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.

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

**Eye:** Severe burning sensation, damage marked by burns.

**Skin:** Burning sensation, redness.

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

**Ingestion:** Harmful if swallowed. Corrosive to mouth and upper gastrointestinal tract.

**Inhalation:** Irritation of nose, throat and lungs with coughing.

**Acute effects:** Corrosive to eyes and skin. Harmful if swallowed

**Indication of immediate medical attention and special treatment needed, if necessary:** Probable mucosal damage may contraindicate the use of gastric lavage.

**5. Fire-fighting measures**

**Flammable class:** None

**Suitable extinguishing media:** Not required.

**Explosion hazards:** None

**Hazardous decomposition products:** Decomposition products may include: Carbon dioxide, Carbon monoxide, nitrogen oxides.

**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:** Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other non-combustible material

and transfer to containers.

**Release notes:** Product is very toxic to aquatic life.

**Special protective equipment:** Eye protection, rubber gloves, rubber boots to protect feet.

## 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. Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying.

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

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

## 8. Exposure controls/personal protection

**Appropriate engineering controls:** General ventilation adequate under normal conditions of use.

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

**Eye / face protection:** Chemical splash goggles, face shield, or safety glasses.

**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.

**Skin protection - other:** Suitable protective clothing required by employer code.

**Occupational hygiene practices:** Always wash hands after handling chemical products, and before smoking, eating, drinking, or using toilet. Wash contaminated clothing or protective equipment before storage and re-use.

## 9. Physical and chemical properties

**Physical state:** Liquid

**Color:** Colorless

**Odor:** Characteristic.

**Odor threshold:** Not Established

**pH:** 6.0 to 8.0

**Freezing point:** 32° F; 0° C

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

**Flash point:** None

**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)

**Relative density:** 1.000 grams/ml. at 20°C (68°F)

**Solubility:** Complete

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

**Decomposition temperature:** Not Available

**Viscosity:** Water thin.

**Percent volatiles:** >85

**VOC content:** < 1.9 % by weight

## 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)<br>mg/kg(rat) | LD <sub>50</sub> (dermal)<br>mg/kg(rabbit) |
|---|---------------------------------------|--|
| Octyl decyl dimethyl ammonium chloride                              | 229 mg/kg (rat)                       | 421 mg/kg (rabbit)                         |
| Dioctyl 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 | 344 mg/kg (rat)                       | 3412 mg/kg (rabbit)                        |

**Acute dermal toxicity LD<sub>50</sub>:** ~ 1832 mg/kg

**Acute oral toxicity LD<sub>50</sub>:** > 2000 mg/kg

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

**Skin corrosion / irritation:** Corrosive

**Serious eye damage / irritation:** Causes serious eye damage

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

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

**Carcinogenicity**

**IARC:** No products were found.

**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:** This product is toxic to aquatic life with long lasting effects.

**Aquatic toxicity, both acute and chronic:** Very toxic to aquatic life.

## 13. Disposal considerations

**Disposal methods:** 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. Clean container promptly after emptying.

Triple rinse as follows: Fill container 1/4 full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

## 14. Transport information

**USA Department of Transport Regulations (DOT)**

**UN proper shipping name:** Disinfectant, liquid, corrosive n.o.s.

**Technical name:** Quaternary Ammonium Compounds

**UN number:** 1903

**Transport hazard class(es):** 8

**Packing group, if applicable:** III

**Placards:** Corrosive

**Hazard label:** Certain package sizes determine the proper labeling of containers. Consult manufacturer for specific information regarding proper labeling.

**DOT other shipping information:** Certain shipping modes and packaging sizes may have exceptions from the transport regulations. The classifications/information provided above may not reflect applicable exceptions. Contact the manufacturer for more specific information on the proper shipping of this material.

**U.S. Customs harmonization number:** 3808.94.0000

**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**

**Dot label symbol and hazard classification**



Corrosive



Limited  
Quantity  
Ground

**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

**FIFRA (federal insecticide, fungicide, and rodenticide act):** Regulated

**16. Other information**

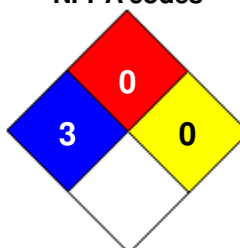
**Prepared by:** Regulatory Affairs Department

**Date revised:** 07/15/2021

**HMIS rating**

|                            |  |          |
|----------------------------|--|----------|
| <b>Health</b>              |  | <b>3</b> |
| <b>Flammability</b>        |  | <b>0</b> |
| <b>Physical hazard</b>     |  | <b>0</b> |
| <b>Personal protection</b> |  | <b>C</b> |

**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.