

SAFETY DATA SHEET

Date issued : 12/15/2020

SDS number : Clark_Noble Chemical Lemon Lance RTU

Date revised : 01/25/2024

Revision number : 2

Noble Chemical Lemon Lance RTU

1. Identification

Product identifier: Noble Chemical Lemon Lance RTU

Product description: Disinfecting Glass & Multi-Surface Cleaner

Chemical family: Alcohol/Quaternary Ammonium Chloride

Relevant identified uses: Ready to Use Disinfectant Cleaner

Distributor

Clark Core Services, LLC.

2205 Old Philadelphia Pike

Lancaster, PA 17602

Customer Service: 1-888-256-6400

EPA reg. No.: 6836-152-65239

Emergency telephone number (24 hour)

Poison Control Center (Medical) : (877) 800-5553

CHEMTREC (US Transportation) : (800) 424-9300

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: Opalescent yellow

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: No known significant effects or critical hazards.

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	0.025	32426-11-2
Dioctyl dimethyl ammonium chloride	0.01	5538-94-3
Didecyl dimethyl ammonium chloride	0.015	7173-51-5
Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride	0.034	68424-85-1
Fragrance	< 1	TS
Dye	< 0.1	TS
Water	> 95	7732-18-5

Comments: If CAS number is "TS", the specific chemical identity has been withheld as a trade secret.

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: None Expected.

5. Fire-fighting measures

Flammable class: None

Suitable extinguishing media: Not required. Water based material.

Explosion hazards: None

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

Appropriate engineering controls: Use in well ventilated area.

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: Opalescent yellow

Odor: Lemon

Odor threshold: Not Established

pH: 10.0 to 12.0

Melting point: No data available

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: 8.47 at 20°C (68°F)

Relative density: 1.015 grams/ml. at 20°C (68°F)

Solubility: Complete

Auto-ignition temperature: NA = Not Applicable

Decomposition temperature: No data available

Viscosity: Water thin.
Percent volatiles: >98
VOC content: 0.02 % 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 ₅₀ (oral) mg/kg(rat)	LD ₅₀ (dermal) mg/kg(rabbit)	LC ₅₀ (inhalation) mg/l
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	229 mg/kg (rat)	421 mg/kg (rabbit)	No data available

Acute dermal toxicity LD₅₀: No known significant effects or critical hazards.

Acute oral toxicity LD₅₀: No known significant effects or critical hazards.

Acute inhalation toxicity LC₅₀: 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: This material is harmful to aquatic life.

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.

U.S. Customs harmonization number: 3808.94.5000

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

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

16. Other information

Reason for issue: Formulation Change

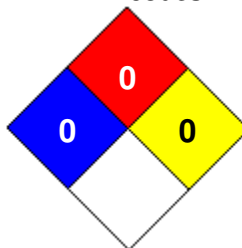
Prepared by: Regulatory Affairs Department **Date revised:** 01/25/2024

Revision summary: This SDS replaces the 01/25/2024 SDS. Revised: **Section 2:** Classification of the substance or mixture, Emergency overview - Immediate concerns Warning caution labels, Signal word, Label elements, Precautionary statement(s). **Section 4:** Acute toxicity, Ingestion, Inhalation, Most important symptoms and effects, both acute and delayed (Ingestion), Skin protection - hand protection. **Section 5:** Suitable extinguishing media, Hazardous decomposition products. **Section 7:** Conditions for safe storage. **Section 8:** Appropriate engineering controls. **Section 9:** Density, Melting point, pH, Relative density, VOC content, Decomposition temperature. **Section 11:** . **Section 12:** Ecotoxicological information. **Section 13:** Disposal methods, Empty container, Product disposal. **Section 14:** ICAO - air - UN proper shipping name USA Department of Transport Regulations (DOT) (Hazard label), IMDG - sea - UN proper shipping name. **Section 16:** HMIS rating (Personal protection), NFPA codes - Health.

HMIS rating

Health		0
Flammability		0
Physical hazard		0
Personal protection		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.