SAFETY DATA SHEET

SPARKKLE SparkQuat RTU Cleaner & Disinfectant

Product code: D60002

Version 3 | Issue date 2026-10-26 | Supersedes Version 2 (2026-10-20)

SECTION 1. IDENTIFICATION

Product identifier

Product name SPARKKLE SparkQuat RTU Cleaner & Disinfectant

Other means of identification SPARKKLE SparkQuat RTU Disinfectant; Mendez & Co., Inc. item 300947

EPA registration number 6836-152-90317

Product code	Package	Net contents	UPC
D60002	Case of 12 trigger-spray bottles	12 x 32 fl oz (946 mL)	787302600021

Recommended use and restrictions on use

Recommended use One-step disinfectant, cleaner, fungicide, mildewstat, virucide and deodorizer for hard, nonporous surfaces in homes, restaurants, hospitals and institutional and industrial settings. Ready to use. Use only as directed on the EPA-accepted product label.

Restrictions on use It is a violation of federal law to use this product in a manner inconsistent with its labeling. Not for use on medical device surfaces. Do not use on utensils, glassware and dishes. Rinse all surfaces that come in contact with food with potable water before reuse.

Manufacturer or supplier

Company Mendez & Co., Inc.

Address P.O. Box 363348, San Juan, PR 00936-3348

Telephone (787) 788-1018

Email sales@sparkkleclean.com

Website www.sparkkleclean.com

Emergency telephone number

Poison Control 1-800-222-1222 (24 hours)

SECTION 2. HAZARD(S) IDENTIFICATION

Classification of the chemical

Serious eye damage/eye irritation Category 2B

Label elements

Pictograms
Not applicable

Signal word
Warning

Hazard statements

H320 Causes eye irritation.

Precautionary statements

Prevention

P102 Keep out of reach of children.

P264 Wash hands thoroughly after handling.

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, state and federal regulations.

Other hazards

Hazards of chemical reaction products None known

Hazards not otherwise classified (HNOC) None known

Other hazards which do not result in classification Spray mist may irritate the nose and throat. The aquatic hazard class (see Section 12) is a GHS environmental class, which the OSHA Hazard Communication Standard does not adopt.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance or mixture Mixture

Chemical name	CAS number or other identifier	Concentration (%)	GHS classification
Octyl decyl dimethyl ammonium chloride	32426-11-2	0.025 (w/w)	Acute toxicity (oral), Category 4 (H302); Skin corrosion/irritation, Category 1 (H314); Serious eye damage/eye irritation, Category 1 (H318); Hazardous to the aquatic environment, acute hazard, Category 1 (H400)
Didecyl dimethyl ammonium chloride	7173-51-5	0.015 (w/w)	Acute toxicity (oral), Category 3 (H301); Skin corrosion/irritation, Category 1 (H314); Serious eye damage/eye irritation, Category 1 (H318); Hazardous to the aquatic environment, acute hazard, Category 1 (H400); Hazardous to the aquatic environment, long-term hazard, Category 2 (H411)
Dioctyl dimethyl ammonium chloride	5538-94-3	0.010 (w/w)	Acute toxicity (oral), Category 3 (H301); Skin corrosion/irritation, Category 1 (H314); Serious eye damage/eye irritation, Category 1 (H318); Hazardous to the aquatic environment, acute hazard, Category 1 (H400); Hazardous to the aquatic environment, long-term hazard, Category 1 (H410)
Fragrance component	Trade secret	0.1 to 1 (w/w)	Skin corrosion/irritation, Category 2 (H315); Skin sensitization, Category 1 (H317)
Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride	68424-85-1	0.034 (w/w)	Acute toxicity (oral), Category 4 (H302); Skin corrosion/irritation, Category 1 (H314); Serious eye damage/eye irritation, Category 1 (H318); Hazardous to the aquatic environment, acute hazard, Category 1 (H400); Hazardous to the aquatic environment, long-term hazard, Category 1 (H410)
Water	7732-18-5	Balance	Not classified

Concentrations are percent by weight. The four quaternary ammonium compounds are the active ingredients, given at the exact percentages stated on the product label, 0.084% in total. The specific chemical identity and exact percentage of the fragrance component have been withheld as a trade secret under 29 CFR 1910.1200(i); its concentration is given as a range. The fragrance component is a skin sensitizer contained in the fragrance; its range is based on the fragrance content of the product. The hazard classification follows the EPA-accepted product label (see Section 2). The other ingredients are not hazardous or are present below the concentrations that require disclosure under 29 CFR 1910.1200.

SECTION 4. FIRST-AID MEASURES

Inhalation If spray mist causes discomfort, move the person to fresh air. If symptoms persist, call a poison control center (1-800-222-1222) or doctor for treatment advice.

Skin contact Rinse skin with water. Take off clothing wet with the product and wash it before reuse. If irritation develops, call a poison control center or doctor for treatment advice.

Eye contact Hold the eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing the eye. Call a poison control center (1-800-222-1222) or doctor for treatment advice.

Ingestion Rinse mouth with water and have the person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. Call a poison control center or doctor for treatment advice.

Most important symptoms and effects, acute and delayed Eyes: redness, tearing and stinging; the irritation is moderate and temporary. Skin: prolonged contact may cause temporary dryness or redness. Ingestion: irritation of the mouth, throat and stomach, and nausea. Inhalation of spray mist: irritation of the nose and throat. Delayed effects: none known.

Immediate medical attention and special treatment Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Treat symptomatically. There is no specific antidote.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Use media suitable for the surrounding fire: water spray, foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media None known

Specific hazards arising from the chemical The product is an aqueous solution and does not burn. If the water evaporates in a fire, the residue may decompose and release carbon monoxide, carbon dioxide, nitrogen oxides and hydrogen chloride.

Special protective equipment and precautions for fire-fighters Wear positive-pressure self-contained breathing apparatus and full protective fire-fighting gear. Cool containers exposed to fire with water spray. Contain runoff from fire control.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Avoid contact with eyes or clothing. Wear the eye protection listed in Section 8, and gloves when cleaning up large spills. Spilled product makes floors slippery.

Environmental precautions Prevent large spills from entering drains, sewers and waterways.

Methods and materials for containment and cleaning up Stop the leak if it can be done without risk. Wipe up small spills with a damp cloth or mop. Absorb larger spills with inert material such as sand, earth or absorbent pads and place it in a closed container for disposal. Rinse the area with water.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling Use only as directed on the product label; it is a violation of federal law to use this product in a manner inconsistent with its labeling. Avoid contact with eyes or clothing. Do not breathe spray. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Do not mix with other cleaning products.

Conditions for safe storage, including any incompatibilities Store in the original container in areas inaccessible to children. Do not contaminate water, food or feed by storage or disposal. Keep the container tightly closed in a cool, dry area out of direct sunlight, at 5 to 40 °C (41 to 104 °F). Protect from freezing. Keep away from strong oxidizing agents, such as bleach, and from strong acids.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

Component	CAS number	OSHA PEL	ACGIH TLV	NIOSH REL	IDLH
Fragrance component	Trade secret	Not established	5 ppm TWA (inhalable fraction and vapor); skin; DSEN; A4 (not classifiable as a human carcinogen)	Not established	Not established

Components without established occupational exposure limits: Octyl decyl dimethyl ammonium chloride, Didecyl dimethyl ammonium chloride, Dioctyl dimethyl ammonium chloride, Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride, Water.

Exposure controls and personal protective equipment

Engineering controls General ventilation is adequate for use as directed. Provide an eyewash station where the product is handled in quantity.

Eye and face protection Avoid contact with eyes. Safety glasses with side shields are recommended, and are required where splashing is possible.

Hand protection Not required for use as directed. For prolonged or repeated contact, wear chemical-resistant gloves, such as nitrile rubber.

Body protection No special protective clothing is required. Avoid contact with clothing, and change clothing that becomes wet with the product.

Respiratory protection Not normally required. Do not breathe spray; use the product in a well-ventilated area.

General hygiene Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Wash clothing wet with the product before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	**Color**	Yellow
Odor	Lemon	**Odor threshold**	No data available
Melting point/freezing point	Approx. 0 °C (32 °F)	**Initial boiling point and boiling range**	Approx. 100 °C (212 °F)
Flammability	Not flammable	**Flammability limits in air**	Not applicable
Flash point	Not applicable (aqueous solution)	**Auto-ignition temperature**	Not applicable
Decomposition temperature	No data available	**pH**	Approx. 8
Kinematic viscosity	No data available	**Solubility in water**	Completely miscible
Partition coefficient n-octanol/water (log value)	Not applicable (mixture)	**Vapor pressure**	Approx. 2.3 kPa (17.5 mmHg) at 20 °C (68 °F), as water

Evaporation rate	Similar to water	**Density**	Approx. 1.00 g/cm³ (8.35 lb/US gal)
Relative density (water = 1)	Approx. 1.00	**Relative vapor density (air = 1)**	Approx. 0.6, as water vapor
Particle characteristics	Not applicable		

SECTION 10. STABILITY AND REACTIVITY

Reactivity	No hazardous reactions are known under normal conditions of storage and use.
Chemical stability	Stable under recommended storage and handling conditions.
Possibility of hazardous reactions	None known. Hazardous polymerization does not occur.
Conditions to avoid	Freezing, temperatures above 40 °C (104 °F) and mixing with other chemicals.
Incompatible materials	Strong oxidizing agents, such as bleach, and strong acids.
Hazardous decomposition products	None under normal conditions of storage and use. Burning of the dried residue: carbon monoxide, carbon dioxide, nitrogen oxides and hydrogen chloride.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely routes of exposure	Eye contact, skin contact, ingestion and inhalation of spray mist.
Symptoms	Eyes: redness, tearing and stinging. Skin: prolonged contact may cause temporary dryness or redness. Ingestion: irritation of the mouth, throat and stomach, and nausea. Inhalation of spray mist: irritation of the nose and throat.
Delayed and immediate effects and chronic effects	Immediate: eye irritation on direct contact. Delayed: none known. Chronic: none known.
Acute toxicity	Not classified. The EPA-accepted product label carries no acute oral, dermal or inhalation toxicity statement.
Acute toxicity estimates (ATE)	Oral: greater than 100,000 mg/kg (calculated). Dermal: greater than 100,000 mg/kg (calculated). Inhalation: no data available.
Skin corrosion/irritation	Not classified. The EPA-accepted product label carries no skin irritation statement. Prolonged contact may cause temporary dryness or redness.
Serious eye damage/eye irritation	Category 2B. Causes eye irritation. The EPA-accepted product label states that the product causes moderate eye irritation (see Section 15).
Respiratory or skin sensitization	Not classified. The EPA-accepted product label carries no skin sensitization statement. Alkyl dimethyl benzyl ammonium chloride and didecyl dimethyl ammonium chloride were not sensitizing in guinea pig tests (Buehler test). Not a respiratory sensitizer.
Germ cell mutagenicity	Not classified. Alkyl dimethyl benzyl ammonium chloride and didecyl dimethyl ammonium chloride were not mutagenic in the Ames test, in mammalian cell tests or in animal tests.
Carcinogenicity	Not classified. No ingredient present at 0.1% or more is listed as a carcinogen by NTP, IARC or OSHA.

Reproductive toxicity	Not classified	**Specific target organ toxicity, single exposure**	Not classified
Specific target organ toxicity, repeated exposure	Not classified	**Aspiration hazard**	Not classified
Interactive effects	None known		

Component data: Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride

LD50 oral, rat	Approx. 344 mg/kg	**LD50 dermal, rabbit**	3,412 mg/kg
Skin corrosion, rabbit	Corrosive	**Skin sensitization, guinea pig**	Not sensitizing (Buehler test)
Mutagenicity	Negative (Ames test, chromosome aberration, gene mutation and mouse micronucleus tests)		

Component data: Didecyl dimethyl ammonium chloride

LD50 oral, rat	238 mg/kg	**LD50 dermal, rabbit**	3,342 mg/kg
Skin corrosion, rabbit	Causes burns	**Skin sensitization, guinea pig**	Not sensitizing (Buehler test)
Mutagenicity	Negative (Ames test; chromosome aberration tests in vitro and in rats)		

Component data: Fragrance component

LD50 oral, rat	4,950 mg/kg	**Skin irritation**	Irritating
Skin sensitization	Sensitizing		

SECTION 12. ECOLOGICAL INFORMATION

Component data: Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride

LC50 fish, 96 h	0.515 mg/L (Lepomis macrochirus)	**NOEC fish, 34 days**	0.0322 mg/L (Pimephales promelas)
EC50 daphnia, 48 h	0.016 mg/L (Daphnia magna)	**NOEC daphnia, 21 days**	0.00415 mg/L or more (Daphnia magna)
ErC50 algae, 72 h	0.049 mg/L (Pseudokirchneriella subcapitata)		
EC50 activated sludge, 3 h	7.75 mg/L		

Component data: Didecyl dimethyl ammonium chloride

LC50 fish, 96 h	0.19 mg/L (Pimephales promelas)	**NOEC fish, 34 days**	0.032 mg/L (Danio rerio)
EC50 daphnia, 48 h	0.062 mg/L (Daphnia magna)	**NOEC daphnia, 21 days**	0.014 mg/L (Daphnia magna)
ErC50 algae, 96 h	0.026 mg/L (Pseudokirchneriella subcapitata)		
EC50 activated sludge, 3 h	11 mg/L		

Persistence, bioaccumulation, mobility and other effects

Ecotoxicity	No data available for the product. The quaternary ammonium compounds are very toxic to aquatic organisms (data above); the product contains 0.084% of them.
Persistence and degradability	No data available for the product. Alkyl dimethyl benzyl ammonium chloride: readily biodegradable (95.5% in 28 days, OECD 301B). Didecyl dimethyl ammonium chloride: readily biodegradable (72% in 28 days, OECD 301B).
Bioaccumulative potential	Low. Alkyl dimethyl benzyl ammonium chloride: bioconcentration factor 79 (Lepomis macrochirus, 35 days).
Mobility in soil	The product is miscible with water. Alkyl dimethyl benzyl ammonium chloride adsorbs strongly to soil (Koc 282,624 L/kg).
Other adverse effects	Based on its ingredients, the product meets the GHS criteria for hazardous to the aquatic environment, acute Category 3, a class that OSHA does not adopt. Not classified for long-term aquatic hazard. Do not release undiluted product to surface water or storm drains.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods	Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Dispose of unused product in accordance with local, state and federal regulations. Do not discharge undiluted product to storm drains or waterways.
RCRA waste code	None. When discarded unused, the product is not a listed hazardous waste and shows no hazardous waste characteristic: it is an aqueous solution with less than 24% alcohol (not ignitable), its pH is about 8 (not corrosive), it is not reactive, and it contains none of the toxicity characteristic contaminants of 40 CFR 261.24.
Contaminated packaging	Nonrefillable container. Do not reuse or refill this container. Triple rinse. Then offer the container for reconditioning, or puncture and dispose of it in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Follow the container handling directions on the product label.

SECTION 14. TRANSPORT INFORMATION

	DOT (US ground)	IMDG (sea)	IATA (air)
UN number	Not regulated	Not regulated	Not regulated
UN proper shipping name	Not applicable	Not applicable	Not applicable
Transport hazard class	Not applicable	Not applicable	Not applicable
Packing group	Not applicable	Not applicable	Not applicable
Hazard labels	Not applicable	Not applicable	Not applicable
Marine pollutant	No	No	Not applicable
Notes	Not regulated as a hazardous material.	Not regulated. Not a marine pollutant.	Not regulated.

Packages	Case of 12 plastic bottles of 32 fl oz (946 mL) with trigger sprayers; about 25 lb (11.4 kg) of product per case. Not regulated as dangerous goods for transport by road, rail, sea or air: the product is not corrosive, not flammable, not toxic and not an environmentally hazardous substance or marine pollutant.
Emergency response guide	Not applicable
Transport in bulk according to MARPOL Annex II	Not applicable (shipped in packages, not in ship tanks)
Special precautions for user	Keep cases upright with the sprayers turned to the closed position. Protect from freezing.

SECTION 15. REGULATORY INFORMATION

OSHA hazard communication	This product is a hazardous chemical under 29 CFR 1910.1200 (eye irritant, Category 2B). The container label is governed by FIFRA (see below).
TSCA inventory	Not applicable. This product is a pesticide registered under FIFRA and is excluded from the TSCA definition of chemical substance when distributed for use as a pesticide.
SARA 302 extremely hazardous substances	Not listed
SARA 311/312 hazard categories	Serious eye damage or eye irritation.
SARA 313 toxic chemicals	Not subject to the supplier notification requirements of 40 CFR 372.
CERCLA reportable quantity	Not listed (no reportable quantity)
State right-to-know	No ingredient listed in Section 3 is on the Massachusetts, New Jersey or Pennsylvania right-to-know lists.
California Proposition 65	No ingredient listed in Section 3 is on the Proposition 65 list.

Pesticide labeling (FIFRA)

FIFRA	This chemical is a pesticide product registered by the United States 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. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.
EPA registration number	6836-152-90317
Pesticide label signal word	CAUTION
Hazards to humans and domestic animals	Caution. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.
Child hazard warning	KEEP OUT OF REACH OF CHILDREN.

SECTION 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of preparation or last revision

Issue date 2026-10-26 **Version** 3

Supersedes Version 2 (2026-10-20)

Hazard ratings

NFPA 704



HMIS

Health	1
Flammability	0
Physical hazard	0
Personal protection	B

NFPA 704 ratings run from 0 (minimal hazard) to 4 (severe hazard). HMIS rating scale: 0 minimal, 1 slight, 2 moderate, 3 serious, 4 severe. The HMIS personal protection letter refers to the HMIS equipment index.

NFPA 704 and HMIS ratings are provided for reference only and are not part of the GHS classification.

Disclaimer

The information in this Safety Data Sheet is believed to be accurate as of the issue date and is given in good faith as a guide to safe handling, use, storage, transport and disposal. It is not a product specification and no warranty, express or implied, is made. Users must determine the suitability of the product for their own purposes and comply with all applicable laws and regulations. Mendez & Co., Inc. accepts no liability for loss or damage resulting from the use of this information or of the product.

Document control (Section 16, continued)

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Revision history

Version	Date	Summary of changes
3	2026-10-26	Full revision: all sections reviewed and updated.
2	2026-10-20	Previous edition.

Prepared in accordance with OSHA Hazard Communication Standard 29 CFR 1910.1200.

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