SAFETY DATA SHEET

SPARKKLE Food Service Sanitizer

SDS-SPK-300942-EN | Version 2 | Issue date 2026-10-20

SECTION 1. IDENTIFICATION

Product identifier

Product name SPARKKLE Food Service Sanitizer

Public product code 300942

Package	Net contents
Case of 4 plastic jugs, 1 US gal each	4 x 1 US gal (4 x 3.78 L)
Plastic pail	5 US gal (18.9 L)
Drum	55 US gal (208 L)

Recommended use and restrictions on use

Recommended use EPA-registered sanitizer. Use only as directed on the product label.

Restrictions on use It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not use undiluted; dilute before use as directed on the product label. Do not use on glasses, dishes or utensils as a disinfectant. Rinse hard, non-porous food contact surfaces with potable water before reuse after disinfection; food contact surfaces sanitized as directed on the product label are not rinsed.

Distributor / Distribuidor

Name 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

Skin corrosion/irritation Category 1C

Serious eye damage/eye irritation Category 1

Label elements



Signal word

Danger

Hazard statements

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

Precautionary statements

Prevention

P260 Do not breathe mist/vapors/spray.

P264 Wash face, hands and any exposed skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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.
P310	Immediately call a poison center/doctor.
P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P363	Wash contaminated clothing before reuse.
P304+P340	If inhaled: Remove person to fresh air and keep comfortable for breathing.
P301+P330+P331	If swallowed: Rinse mouth. Do NOT induce vomiting.

Storage

P405	Store locked up.

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

This product is a pesticide registered by the US Environmental Protection Agency and is subject to certain labeling requirements under federal law. These requirements differ from the classification criteria and hazard information required for Safety Data Sheets and for workplace labels of non-pesticide chemicals; see section 15 for the EPA information. The EPA-accepted product label also states that the product is harmful if swallowed or absorbed through the skin. The EPA toxicity category III statements on the label are not an OSHA classification; the acute toxicity estimates (oral approx. 2,700 mg/kg, dermal greater than 2,000 mg/kg) are above the OSHA Category 4 limits (see section 11). Toxic to aquatic life with long lasting effects (see section 12).

Unknown acute toxicity

4.2% of the mixture consists of ingredients of unknown acute dermal toxicity, and 10% of ingredients of unknown acute inhalation toxicity.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance or mixture Mixture

Chemical name	CAS number or other identifier	Concentration (%)
Quaternary ammonium compound 1	Trade secret	1 to 5 (w/w)
Quaternary ammonium compound 2	Trade secret	0.5 to 1.5 (w/w)
Quaternary ammonium compound 3	Trade secret	1 to 5 (w/w)
Quaternary ammonium compound 4	Trade secret	1 to 5 (w/w)
Solvent	Trade secret	0.5 to 1.5 (w/w)
Inert Ingredients	Trade secret	Balance

The specific chemical identities and exact percentages have been withheld as a trade secret.

SECTION 4. FIRST-AID MEASURES

Inhalation

Move the person to fresh air. If the person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center (1-800-222-1222) or doctor for treatment advice.

Skin contact

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice. Wash contaminated clothing before reuse.

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 or doctor immediately for treatment advice.

Ingestion

Call a poison control center (1-800-222-1222) or doctor immediately for treatment advice. 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.

Most important symptoms and effects, acute and delayed

Corrosive. Eyes: pain, redness, tearing and burns; irreversible eye damage, including possible blindness. Skin: redness, pain and burns. Ingestion: burns of the mouth, throat and stomach, with nausea and vomiting. Inhalation of spray mist: irritation and corrosive effects in the nose, throat and respiratory tract. Delayed: eye damage may progress over several hours.

Immediate medical attention and special treatment

Note to physician: probable mucosal damage may contraindicate the use of gastric lavage. 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 The product does not sustain combustion (ASTM D4206). Use media appropriate to the surrounding fire, such as water spray, dry powder or foam.

Unsuitable extinguishing media None known

Specific hazards arising from the chemical Containers may rupture when heated. Heating or fire can release toxic and corrosive gases.

Hazardous combustion products 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 unopened containers with water spray. Contain runoff from fire control and keep it out of drains and waterways; the product is toxic to aquatic life.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Wear the protective equipment listed in section 8: chemical splash goggles and a face shield, protective gloves (rubber, chemical resistant) and protective clothing. Avoid contact with eyes, skin and clothing. Do not breathe spray mist. Keep unprotected persons away. Spilled product makes floors slippery.

Environmental precautions Prevent entry into drains, sewers, surface water and soil. Do not discharge the product or effluent containing it to waters or sewer systems except as described on the product label (see section 15).

Methods and materials for containment and cleaning up Stop the leak if it can be done without risk. Contain the spill, absorb it with non-combustible material such as sand, earth, diatomaceous earth or vermiculite, and place it in closed containers for disposal (see section 13). Rinse the area with water and collect the rinse water for disposal; do not let it reach a waterway. Do not return spilled material to the original container.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and protective gloves (rubber, chemical resistant) when handling. Do not breathe spray; for sprayer applications use a coarse spray device, as directed on the product label. Dilute only as directed on the product label and do not mix with other chemicals. Provide sufficient air exchange or exhaust in work rooms. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities Store in the original container in areas inaccessible to children. Store locked up. Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Keep the container tightly closed in a dry, cool, well-ventilated place, away from heat and direct sunlight, at 10 to 38 °C (50 to 100 °F). Keep away from strong oxidizing agents, such as bleach, and from reducing agents (see section 10).

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

Component	CAS number	OSHA PEL	ACGIH TLV	NIOSH REL	IDLH
Solvent	Trade secret	1,000 ppm TWA (1,900 mg/m³)	1,000 ppm STEL	1,000 ppm TWA (1,900 mg/m³)	3,300 ppm

Components without established occupational exposure limits: Quaternary ammonium compound 1, Quaternary ammonium compound 2, Quaternary ammonium compound 3, Quaternary ammonium compound 4, Inert Ingredients.

Exposure controls and personal protective equipment

Exposure limit note The limits in the table apply to the solvent, present at 0.5 to 1.5%. Airborne concentrations from normal use of this product are far below these limits.

Engineering controls General ventilation is normally adequate. Use local exhaust ventilation where spray mist is generated. Provide an eyewash station and a safety shower close to where the concentrate is handled (29 CFR 1910.151(c)).

Eye and face protection Protective eyewear (goggles, face shield or safety glasses), as required by the product label. Use chemical splash goggles and a face shield when pouring, mixing or transferring the concentrate.

Hand protection Protective gloves (rubber, chemical resistant), as required by the product label, such as nitrile or neoprene rubber. Confirm the breakthrough time with the glove manufacturer for the conditions of use.

Body protection Protective clothing, as required by the product label: long sleeves and a chemical-resistant apron when handling the concentrate, and chemical-resistant boots where spills are likely, such as when filling or transferring from pails and drums.

Respiratory protection	Not normally required with adequate ventilation. Do not breathe spray; use a coarse spray device as directed on the product label. Where spray mist cannot be controlled, use a NIOSH-approved respirator with particulate filters under a respiratory protection program that meets 29 CFR 1910.134.
General hygiene	Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	**Color**	Clear, colorless
Odor	Mild; no fragrance added	**Odor threshold**	No data available
Melting point/freezing point	No data available	**Initial boiling point and boiling range**	100 °C (212 °F)
Flammability	Does not sustain combustion (ASTM D4206)	**Flammability limits in air**	No data available
Flash point	Greater than 65 °C (149 °F), closed cup (Pensky-Martens)		
Auto-ignition temperature	No data available	**Decomposition temperature**	No data available
pH	6 to 8	**Kinematic viscosity**	No data available
Solubility in water	Completely miscible	**Partition coefficient n-octanol/water (log value)**	Not applicable (mixture)
Vapor pressure	No data available	**Evaporation rate**	1.0 (water = 1)
Density	0.99 g/cm³ at 25 °C (77 °F); 8.2 to 8.4 lb/US gal		
Relative density (water = 1)	0.99 at 25 °C (77 °F)	**Relative vapor density (air = 1)**	No data available
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	Heat, direct sunlight, storage outside 10 to 38 °C (50 to 100 °F), and mixing with other chemicals.
Incompatible materials	Strong oxidizing agents, such as bleach, and reducing agents. Anionic surfactants and soaps reduce the antimicrobial activity.
Hazardous decomposition products	None under normal conditions of storage and use. When heated to dryness or burned: 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: pain, redness, tearing and burns; irreversible eye damage, including possible blindness. Skin: redness, pain and burns. Ingestion: burns of the mouth, throat and stomach, with nausea and vomiting. Inhalation of spray mist: irritation and corrosive effects in the nose, throat and respiratory tract.
Delayed and immediate effects and chronic effects	Immediate: burns of the eyes, skin and digestive tract. Delayed: eye damage may progress over several hours. Chronic: repeated skin contact with use solutions may cause dryness and irritation.
Acute toxicity	Not classified. The EPA-accepted product label states that the product is harmful if swallowed or absorbed through the skin. The EPA toxicity category III statements on the label are not an OSHA classification; the acute toxicity estimates (oral approx. 2,700 mg/kg, dermal greater than 2,000 mg/kg) are above the OSHA Category 4 limits. Not classified for acute inhalation toxicity.
Acute toxicity estimates (ATE)	Oral: approx. 2,700 mg/kg. Dermal: greater than 2,000 mg/kg. Inhalation: no data available. Both estimates are above the OSHA Category 4 limit of 2,000 mg/kg.
Skin corrosion/irritation	Causes severe skin burns. Classified Category 1C, consistent with the EPA-accepted label ('Corrosive. Causes irreversible eye damage and skin burns.') and transport packing group III.
Serious eye damage/eye irritation	Causes serious eye damage (label: 'Causes irreversible eye damage'). Classified Category 1.
Respiratory or skin sensitization	Not classified. Alkyl dimethyl benzyl ammonium chloride and the quaternary ammonium compound 3 were not sensitizing in guinea pig tests (Buehler test, see the component data below). No data indicating respiratory sensitization.
Germ cell mutagenicity	Not classified. Alkyl dimethyl benzyl ammonium chloride and the quaternary ammonium compound 3 were negative in bacterial and mammalian cell tests.
Carcinogenicity	Not classified. The solvent: IARC Group 1 and NTP known human carcinogen, in both cases only for the consumption of alcoholic beverages; ACGIH A3 (confirmed animal carcinogen with unknown

	relevance to humans). It has been shown to be carcinogenic in long-term studies only when consumed as an alcoholic beverage. Not listed by OSHA. No other ingredient present at 0.1% or more is listed by NTP, IARC or OSHA.
Reproductive toxicity	Not classified
Specific target organ toxicity, single exposure	Not classified. Spray mist may irritate the nose, throat and respiratory tract.
Specific target organ toxicity, repeated exposure	Not classified
Aspiration hazard	Not classified
Interactive effects	None known

Component data: Quaternary ammonium compound 4

LD50 oral, rat	Approx. 344 mg/kg	**LD50 dermal, rabbit, 24 h**	Approx. 3,340 mg/kg
Skin corrosion, rabbit	Corrosive	**Eye irritation, rabbit**	Corrosive
Skin sensitization, guinea pig	Not sensitizing (Buehler test, OECD 406)		
Mutagenicity	Negative (Ames test, OECD 471; chromosome aberration test in human lymphocytes, OECD 473)		

Component data: Quaternary ammonium compound 3

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 (bacterial and mammalian cell tests, rat chromosome aberration test)		

Component data: Solvent

LD50 oral, rat	7,060 mg/kg	**LC50 inhalation, rat, 4 h**	124.7 mg/L

SECTION 12. ECOLOGICAL INFORMATION

Component data: Quaternary ammonium compound 4

LC50 fish, 96 h	0.28 mg/L (Pimephales promelas)	**NOEC fish, 34 days**	0.032 mg/L (Pimephales promelas)
EC50 daphnia, 48 h	0.016 mg/L (Daphnia magna)	**NOEC daphnia, 21 days**	0.0042 mg/L (Daphnia magna)
ErC50 algae, 72 h	0.049 mg/L (Pseudokirchneriella subcapitata)		
EC50 aquatic plants, 7 days	0.12 mg/L (Lemna gibba)	**EC50 activated sludge, 3 h**	7.75 mg/L
M-factor	Acute 10, long-term 1		

Component data: Quaternary ammonium compound 3

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	**M-factor**	Acute 10

Persistence, bioaccumulation, mobility and other effects

Ecotoxicity	Toxic to aquatic life with long lasting effects.
Persistence and degradability	Alkyl dimethyl benzyl ammonium chloride: readily biodegradable, 95.5% in 28 days (OECD 301B), and more than 90% removal in a simulation test (OECD 303A). The quaternary ammonium compound 3: readily biodegradable, 72% in 28 days (OECD 301B). No data available for the product.
Bioaccumulative potential	Low. Alkyl dimethyl benzyl ammonium chloride: bioconcentration factor 79 (Lepomis macrochirus). The product contains no substance considered persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).
Mobility in soil	Alkyl dimethyl benzyl ammonium chloride adsorbs strongly to soil, sediment and sewage sludge (Koc 282,624 L/kg). No data available for the product, which is soluble in water.
Other adverse effects	At high concentrations the quaternary ammonium compounds are toxic to the microorganisms of sewage treatment plants. The product contains no Class I or Class II ozone-depleting substance. Do not discharge effluent containing this product to waters or sewer systems except as described on the product label (see section 15).

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods	Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. 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.

RCRA waste code None of the active ingredients is on the RCRA P or U lists (40 CFR 261.33), and the product as sold is not expected to show a hazardous waste characteristic: it does not sustain combustion (ASTM D4206), its pH is 6 to 8, and it is not reactive. The product label nevertheless directs that pesticide wastes, and containers that are not triple rinsed, be managed as acutely hazardous; follow the label. The generator must determine the waste status at the time of disposal.

Contaminated packaging Nonrefillable container. Do not reuse or refill this container. Clean the container promptly after emptying. Plastic and metal containers: triple rinse as follows. Fill the container one-quarter full with water and reclose it. Agitate vigorously and dispose of the rinsate consistent with the pesticide disposal instructions. Repeat two more times. Then dispose of the container as directed on the product label, or puncture and dispose of it in a sanitary landfill, or by other procedures approved by state and local authorities. Follow the pesticide disposal instructions for rinsate. Do not cut or weld metal containers. If not triple rinsed, these containers are acute hazardous wastes and must be disposed of in accordance with local, state and federal regulations.

SECTION 14. TRANSPORT INFORMATION

	DOT (US ground)	IMDG (sea)	IATA (air)
UN number	UN1760	UN1760	UN1760
UN proper shipping name	Corrosive liquid, n.o.s. (Dialkyldimethylammonium chloride)	Corrosive liquid, n.o.s. (Dialkyldimethylammonium chloride)	Corrosive liquid, n.o.s. (Dialkyldimethylammonium chloride)
Transport hazard class	8	8	8
Packing group	III	III	III
Hazard labels	Corrosive	Corrosive	Corrosive
EmS	Not applicable	F-A, S-B	Not applicable
Marine pollutant	No	Yes	Not applicable
Notes	Not a DOT hazardous substance (no reportable quantity). Limited quantity: the 1 US gal (3.78 L) jugs are within the 5 L inner packaging limit for packing group III (49 CFR 173.154(b)); the 5 US gal pails and the 55 US gal drums are not.	Marine pollutant. The marine pollutant provisions do not apply to inner packagings of 5 L or less, such as the 1 US gal jugs (IMDG Code 2.10.2.7); they apply to the 5 US gal pails and the 55 US gal drums.	Maximum net quantity per package: 5 L on passenger aircraft and 60 L on cargo aircraft only. The 4 x 1 US gal case and the 5 US gal pail exceed the passenger aircraft limit, and the 55 US gal drum exceeds the cargo aircraft limit.

Shipping papers See the current shipping paper for the most up-to-date shipping information, including exemptions and special circumstances.

Emergency response guide ERG Guide 154

DOT packaging Except when shipped as a limited quantity, ship in UN specification packagings that meet packing group III (49 CFR 173.203), marked with the proper shipping name and UN1760 and labeled Corrosive. When shipped by vessel, the 5 US gal pails and 55 US gal drums also carry the marine pollutant mark.

Transport in bulk according to MARPOL Annex II Not applicable (shipped in packages, not in ship tanks)

Special precautions for user Keep containers closed, upright and protected from damage, away from oxidizing agents.

SECTION 15. REGULATORY INFORMATION

OSHA hazard communication This product is a hazardous chemical under 29 CFR 1910.1200. The product 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 Skin corrosion or irritation; 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 The solvent is on the New Jersey, Massachusetts and Pennsylvania right-to-know lists. None of the active ingredients is on these lists.

California Proposition 65 The solvent is on the Proposition 65 list as a carcinogen and a developmental toxicant, as the solvent in alcoholic beverages. No other ingredient is on the list.

Difference between SDS and EPA pesticide label	The EPA pesticide label and this SDS (OSHA) carry the same signal word, Danger. Their hazard statements differ as listed below; the pesticide label hazard information is reproduced under Pesticide labeling (FIFRA). The EPA toxicity category III statements on the label are not an OSHA classification; the acute toxicity estimates (oral approx. 2,700 mg/kg, dermal greater than 2,000 mg/kg) are above the OSHA Category 4 limits.
Acute toxicity (oral)	EPA pesticide label: harmful if swallowed. SDS (OSHA): not classified.
Acute toxicity (dermal)	EPA pesticide label: harmful if absorbed through the skin. SDS (OSHA): not classified.
Skin corrosion/irritation	EPA pesticide label: causes skin burns. SDS (OSHA): causes severe skin burns.
Serious eye damage/eye irritation	EPA pesticide label: causes irreversible eye damage. SDS (OSHA): causes serious eye damage.

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	6836-266-81974
EPA establishment number	81974-PR-1
Pesticide label signal word	DANGER
Hazards to humans and domestic animals	DANGER. Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. Harmful if swallowed or absorbed through the skin. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and protective gloves (rubber, chemical resistant) when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.
Environmental hazards (containers of 5 US gal or larger)	Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.
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	2026-10-20	**Version**	2
Date of first issue	2026-10-20	**Supersedes**	Version 1 (2026-10-20)

Hazard ratings

NFPA 704



HMIS

Health	3
Flammability	1
Physical hazard	0
Personal protection	D

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. This product is a registered pesticide: read and follow the product label. Users must determine the suitability of the product for their own purposes and comply with all applicable laws and regulations.

Document control (Section 16, continued)

Document ID	SDS-SPK-300942-EN	**Version**	2
Issue date	2026-10-20	**Supersedes**	Version 1 (2026-10-20)

Revision history

Version	Date	Summary of changes
2	2026-10-20	Revised edition.
1	2026-10-20	First edition.

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

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