

SAFETY DATA SHEET

Date issued : 02/02/2015

SDS number : PF5

Date revised : 06/13/2024

Revision number : 5

5 Fresh Breeze PF Non Acid Disinfectant Restroom Cleaner

1. Identification

Product code: PF5

Product identifier: 5 Fresh Breeze PF Non Acid Disinfectant Restroom Cleaner

Product description: Disinfectant & Cleaner

Chemical family: Quaternary Ammonium Chloride Blend

Relevant identified uses: Disinfectant, Virucide, Fungicide

Manufacturer / Supplier

MISCO Products Corporation

1048 Stinson Drive

Reading, PA 19605

Customer Service: 800-548-4568

Transportation: 800-548-4568

EPA reg. No.: 6836-75-8325

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:

Skin Corrosion, Category 1

Serious Eye Damage, Category 1

Label elements



Corrosion

Signal word: DANGER

Hazard statement(s)

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.

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

Response:

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.

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: Blue liquid

Immediate concerns: Corrosive to the eyes and skin.

Potential health effects

Eye: Corrosive, contact causes severe eye burns.

Skin: Corrosive, causes skin burning.

Skin absorption: No known significant effects or critical hazards.

Ingestion: Corrosive to mouth and throat

Inhalation: No known significant effects or critical hazards.

Reproductive toxicity

Reproductive toxicity: None known.

Teratogenic effects: None known.

Carcinogenicity: None known.

Mutagenicity: None known.

Medical conditions aggravated: Respiratory conditions such as asthma may be aggravated .

Routes of entry: Eye, skin, ingestion.

Warning caution labels: Corrosive

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Octyl decyl dimethyl ammonium chloride	1.65	32426-11-2
Dioctyl dimethyl ammonium chloride	0.66	5538-94-3
Didecyl dimethyl ammonium chloride	0.99	7173-51-5
Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride	2.2	68424-85-1
C9-11 Pareth-6	1 - 5	68439-46-3
Tetrasodium EDTA	1 - 5	64-02-8
Fragrance	< 1	TS
Dye	< 0.1	TS
Water	85 - 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: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

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: Corrosive to mouth and upper gastrointestinal tract

Inhalation: Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.

Acute effects: Corrosive to eyes and skin.

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: Dry powder, water spray, or foam.

Other considerations: Use water spray to cool unopened containers.

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: Use personal protection recommended in section 8. Isolate the hazard area and deny entry to unnecessary personnel.

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.

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: Chemical splash goggles.

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: Chemical resistant outerwear (tyvek) if contact with spray or mist is anticipated.

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

9. Physical and chemical properties

Physical state: Liquid

Color: Blue

Odor: Clean & Fresh

Odor threshold: Not Established

pH: 12.0 to 13.5

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: 8.512 at 20°C (68°F)

Relative density: 1.02 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: >85

VOC content: 1.03 % 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 acids, 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)	
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
C9-11 Pareth-6	500 mg/kg (rat)	> 2000 mg/kg (rabbit)	No data available
Tetrasodium EDTA	3030 mg/kg (rat)	> 5000 mg/kg (rabbit)	No data available

Acute dermal toxicity LD₅₀: > 2000 mg/kg

Notes: Method: ATEmix

Acute oral toxicity LD₅₀: > 2000 mg/kg

Notes: Method: ATEmix

Acute inhalation toxicity LC₅₀: 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.

Specific Target Organ Toxicity - repeated exposure:

Components:

Tetrasodium EDTA:

Exposure routes: Inhalation

Assessment: May cause damage to organs (Respiratory Tract) through prolonged or repeated exposure.

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: 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. 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: Not regulated.

Placards: None

Hazard label: None

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

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

Reason for issue: Formulation Change

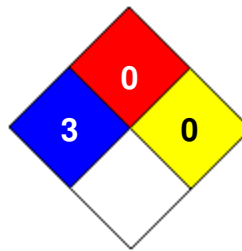
Prepared by: Regulatory Affairs Department

Date revised: 06/13/2024

HMIS rating

Health	<input type="checkbox"/>	3
Flammability		0
Physical hazard		0
Personal protection		C

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.