

# SAFETY DATA SHEET

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SDS number : 112

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Revision number : 2

## Majestic Carpet Solutions Soft Surface Sanitizer & Carpet Deodorizer

### 1. Identification

**Product identifier:** Majestic Carpet Solutions Soft Surface Sanitizer & Carpet Deodorizer

**Product description:** Carpet deodorizer and Soft Surface sanitizer

**Chemical family:** Quaternary Ammonium Chloride Blend

**Relevant identified uses:** Clean and deodorizer carpets and sanitize soft surfaces.

#### Manufacturer / Supplier

MISCO Products Corporation

1048 Stinson Drive

Reading, PA 19605

**Emergency Phone:** 610-926-4106

**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.

H400: Very toxic to aquatic life.

H411: Toxic to aquatic life with long lasting effects.

#### Precautionary statement(s)

##### Supplemental label elements:

P102: Keep out of reach of children.

##### Prevention:

P260: Do not breathe mist, spray, vapors.

P264: Wash hands thoroughly after handling.

P273: Avoid release to the environment.

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.

P391: Collect spillage.

##### 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

### 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:** Irritating and 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.

**Cancer statement:** None

**Sensitization:** Not Established

**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
Didecyl dimethyl ammonium chloride	0.99	7173-51-5
Diocetyl dimethyl ammonium chloride	0.66	5538-94-3
Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride	2.2	68424-85-1
Nonoxynol	< 3	127087-87-0
Tetrasodium EDTA	< 2	64-02-8
Fragrance	< 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. 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:** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

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

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

**Skin:** Burning sensation, redness.

**Skin absorption:** Not Established

**Ingestion:** Corrosive to mouth and upper gastrointestinal tract

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

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

**Release notes:** Product is toxic to fish and aquatic invertebrates.

**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 and 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:** No special requirements.

**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:** Pale Yellow

**Odor:** Pleasantly Fresh

**Odor threshold:** Not Established

**pH:** 12.0 to 13.0

**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:** 8.512 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:** Not Available

**Viscosity:** Water thin.

**Percent volatiles:** >85

**VOC content:** None

## 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 <sub>50</sub> (oral) mg/kg(rat)	LD <sub>50</sub> (dermal) mg/kg(rabbit)
Octyl decyl dimethyl ammonium chloride	229 mg/kg (rat)	421 mg/kg (rabbit)
Didecyl dimethyl ammonium chloride	238 mg/kg (rat)	3342 mg/kg (rabbit)
Diocetyl dimethyl ammonium chloride	229 mg/kg (rat)	421 mg/kg (rabbit)
Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride	344 mg/kg (rat)	3412 mg/kg (rabbit)
Nonoxynol	960 to 3980 mg/kg (rat)	4490 mg/kg (rabbit)
Tetrasodium EDTA	3030 mg/kg (rat)	> 5000 mg/kg (rabbit)

**Acute dermal toxicity LD<sub>50</sub>:** > 2000 mg/kg male and female rabbits.

**Acute oral toxicity LD<sub>50</sub>:** > 2000 mg/kg Male and Female rats.

**Acute inhalation toxicity LC<sub>50</sub>:** Not Established

**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 very toxic to aquatic life

**Aquatic toxicity, both acute and chronic:** Not Established

**Persistence and degradability:** Not Established

**Other adverse effects:** Toxic to aquatic life with long lasting effects.

## 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.

**Product disposal:** See above.

**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

**ICAO - air**

**UN proper shipping name:** Not regulated.

**IMDG - sea**

**UN proper shipping name:** Not regulated.

## 15. Regulatory information

**UNITED STATES**

**SARA Section 311/312 Hazard Categories**

**311/312 Health hazards:** Health - Acute

**EPCRA Section 313 Toxic Chemicals**

Chemical name	% w/w	CAS No.	Comments
Nonoxynol	< 3	127087-87-0	N535 Nonylphenol Ethoxylates

**EPCRA Section 302 Extremely Hazardous Substances**

EPCRA Status: No listed substance

**CERCLA Hazardous Substances and Reportable Quantities (RQ)**

CERCLA regulatory: Not Established

**TSCA (The Toxic Substances Control Act)**

TSCA regulatory: All ingredients are listed on the TSCA Chemical Inventory.

**States with special requirements**

Chemical name	Requirements
Nonoxynol	Massachusetts Right to Know Substance New Jersey Right To Know Substance Pennsylvania Right to Know Substance

California Proposition 65: No listed substance

RCRA status: Not Established

Carcinogen: No listed substance

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

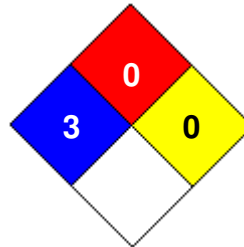
**16. Other information**

Prepared by: Regulatory Affairs Department      Date revised: 11/10/2022

**Revision summary:** This SDS replaces the 12/15/2021 SDS. Revised: **Section 2:** Classification of the substance or mixture, Emergency overview - Immediate concerns Medical conditions aggravated, Potential health effects ( Skin absorption, Inhalation, Ingestion ), Warning caution labels, Label elements, Precautionary statement(s). **Section 4:** Acute toxicity, Eye, Ingestion, Inhalation, Most important symptoms and effects, both acute and delayed ( Inhalation ), Skin protection - hand protection. **Section 6:** General procedures. **Section 7:** Conditions for safe storage. **Section 9:** Color, Evaporation rate (n-butyl acetate = 1), Percent volatiles, Relative vapor density, Vapor pressure. **Section 10:** Incompatible materials. **Section 11:** Acute - LD<sub>50</sub> (oral) mg/kg(rat) , . **Section 12:** Ecotoxicological information, Other adverse effects. **Section 13:** Empty container, Product disposal. **Section 15:** 313 reportable ingredients.

**HMIS rating**

Health	<input type="text" value="1"/>	<b>3</b>
Flammability	<input type="text" value="0"/>	<b>0</b>
Physical hazard	<input type="text" value="0"/>	<b>0</b>
Personal protection	<input type="text" value="D"/>	

**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.