

Product Code: MSDS214
 Product Name: SPECTRA SYSTEM3 NEUTRAL DISINFECTANT310
 ITEM CODES: 876168, 103310

24-hour Emergency Phone: (800) 535-5053

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

DISTRIBUTED BY:
 DAYCON PRODUCTS COMPANY, INC.
 16001 TRADE ZONE AVE.
 UPPER MARLBORO, MD 20774

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component/Exposure Limits	CAS#	% by Wt.
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Alkyl dimethyl benzyl ammonium chloride (C12-16)	68424-85-1	Not Regulated
Octyl decyl dimethyl ammonium chloride	32426-11-2	Not Regulated
Ethanol	64-17-5	Not Regulated
ACGIH STEL: 1000 ppm		
OSHA PEL: 1000 ppm; 1900 mg/m3		

3. HAZARDS IDENTIFICATION

Danger. CORROSIVE. Causes irreversible eye damage and skin burns. May be fatal if absorbed through the skin. Do not get in eyes, on skin or on clothing. May cause irritation to the respiratory system.

Potential Health Effects

EYE:

May be corrosive to the eyes. May cause irreversable eye damage.

SKIN:

May be corrosive to the skin. Causes skin burns. This product may be fatal if it is absorbed through the skin.

INGESTION:

May cause nausea, vomiting and stomach irritation.

INHALATION:

Harmful if inhaled, dependent on the extent of exposure. Under normal conditions, using adequate ventilation no problems are expected. Do not breath gas/fumes/vapor/spray. May be a strong irritant or corrosive if inhaled.

CHRONIC (CANCER) INFORMATION:

Not listed by IARC or NTP as a carcinogen.



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TERATOLOGY (BIRTH DEFECT) INFORMATION:

Not classified as a teratogen.

REPRODUCTION INFORMATION:

Does not harm reproductive cells.

4. FIRST AID MEASURES

EYES:

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(s). Call a poison control center or doctor for treatment advice.

SKIN:

Immediately flush skin with water while removing contaminated clothing and shoes. Seek medical attention if irritation persists. Wash clothing before reuse and discard contaminated shoes.

INGESTION:

Seek immediate medical attention. Do not induce vomiting. Vomiting will cause further damage to mouth and throat. If individual is conscious and alert, immediately rinse mouth with water and give milk or water to drink. If possible, do not leave the individual unattended.

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. Call a poison control center or doctor for further treatment advice.

NOTE TO PHYSICIANS:

Probable mucosal damage may contraindicate the use of gastric lavage.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: 54.4C; 130F Method: PMCC

FLAMMABLE LIMITS:

Lower flammable limit: N/A
Upper flammable limit: N/A

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AUTOIGNITION TEMPERATURE:

Not Applicable.

HAZARDOUS COMBUSTION PRODUCTS:

Oxides of carbon.

EXTINGUISHING MEDIA:

Dry chemical, foam, carbon dioxide, water fog. Use water to cool fire-exposed containers and to protect personnel.

FIREFIGHTING INSTRUCTIONS:

Wear full protective clothing, including self-contained positive pressure or pressure demand breathing apparatus, helmet, and protective clothing. Use water spray to cool fire-exposed containers and to protect personnel.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL:

Isolate area. Keep unnecessary personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

LARGE SPILL:

If possible, clean up spill area on a dry basis and then flush with plenty of water. Absorb liquid with vermiculite, floor absorbent or other absorbent material. Keep out of sewer, streams, ponds, lakes, or other waterways.

7. HANDLING AND STORAGE

HANDLING:

Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Containers, even those that have been emptied, can contain vapors. Do not cut, drill, grind, weld, or perform similar operation on or near empty containers. Keep away from heat, sparks, and flames.

STORAGE:

Keep containers covered. Avoid eye and prolonged skin contact. Do not store near heat, sparks, flame or strong oxidants. Take the usual chemicals handling precautions. Handle and use in a manner consistent with good industrial techniques and practices.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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ENGINEERING CONTROLS:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended limits. Emergency showers and eyewash facilities should be in close proximity.

RESPIRATORY PROTECTION:

If irritation is experienced, a NIOSH-approved respirator should be worn. Ventilation and other forms of engineering controls are often the preferred means for controlling chemical exposure. Respiratory protection may be needed for non-routine or emergency situations.

SKIN PROTECTION:

Wear impervious gloves, safety apron, and clothing if there is a chance of skin contact with product.

EYE PROTECTION:

Chemical splash goggles with side shields recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A
MELTING POINT: Not applicable.
VAPOR PRESSURE: NO INFORMATION AVAILABLE.
VAPOR DENSITY: (Air=1): >1
SOLUBILITY IN WATER: Soluble
SPECIFIC GRAVITY: 1.007
pH: 7.2 - 8.2
ODOR: Perfume bouquet.
APPEARANCE: Grass Green.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY (CONDITIONS TO AVOID):

Stable.

INCOMPATIBILITY:

Strong oxidizing agents. Keep away from heat, sparks, or open flame.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of carbon, may be emitted if product burns.

HAZARDOUS POLYMERIZATION:

Will not occur.

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11. TOXICOLOGICAL INFORMATION

EYE:

Severely irritating.

SKIN:

Extremely irritating. May be corrosive.

INGESTION:

Harmful if swallowed. May be fatal if swallowed in high doses.

INHALATION:

Exposure to vapor may cause irritation of the eyes, nose, and respiratory tract. May cause nausea. May cause headaches.

SUBCHRONIC:

All components of this product are listed on the U. S. TSCA Inventory or exemption has been granted in accordance with 40 CFR 723.50.

CHRONIC/CARCINOGENICITY:

Not classified as a carcinogen.

TERATOLOGY:

Not a teratogen.

REPRODUCTION:

Not expected to effect human reproduction.

MUTAGENICITY:

Not mutagenic.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

If this product becomes a waste, it does not exhibit the properties of ignitability, corrosivity, reactivity or environmentally persistent toxicity.

CHEMICAL FATE INFORMATION:

Readily biodegradable.

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Information in this Safety Data Sheet (SDS) is based on sources other than direct test data and is given in good faith. No warranty is expressed or implied. We believe that the information is current as of the date of this SDS. The use of this information, the conditions, the methods of handling, storage, use and disposal of the product are not within the control of Daycon Products Company Inc., therefore it is the user's responsibility and obligation to determine the conditions of the safe use of this product and to ensure that its activities comply with all laws and regulations.