

SAFETY DATA SHEET

Date issued : 12/19/2018

SDS number : Triple S_3X Renegade Daily Disinfectant Cleaner

Date revised : 06/01/2022

Revision number : 2

SSS Navigator & Navigator PDC #3X Renegade Daily Disinfectant Cleaner

1. Identification

Product identifier: SSS Navigator & Navigator PDC #3X Renegade Daily Disinfectant Cleaner

Product description: Disinfectant

Chemical family: Quaternary Ammonium Chloride Blend

Relevant identified uses: Disinfectant, Virucide, Fungicide

Distributor

Triple S
98 Spit Brook Road
Nashua, NH 03062
<http://www.triple-s.com>
Customer Service: 978-667-7900

Emergency telephone number (24 hour)

888-779-1339

2. Hazard identification

Classification of the substance or mixture

Health hazards:

Acute Toxicity (Oral), Category 4

Skin Corrosion, Category 1B

Serious Eye Damage, Category 1

Environmental hazards:

Acute Hazards to the Aquatic Environment, Category 1

Chronic Hazards to the Aquatic Environment, Category 1

Physical hazards:

Flammable Liquids, Category 4

Label elements



Corrosion



Exclamation
mark



Environment

Signal word: DANGER

Hazard statement(s)

H227: Combustible liquid.

H302: Harmful if swallowed.

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)

Prevention:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P260: Do not breathe mists.

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P273: Avoid release to the environment.

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

Response:

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

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.

P330: Rinse mouth.

P363: Wash contaminated clothing before reuse.

P370+P378: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

P391: Collect spillage.

Storage:

P403+P235: Store in a well-ventilated place. Keep cool.

P405: Store locked up.

Disposal:

P501: Dispose of contents/container according to all local, state and Federal regulations.

Emergency overview

Physical appearance: Yellow liquid

Immediate concerns: Causes irreversible eye damage and skin burns.

Potential health effects

Eye: Corrosive, contact causes severe eye burns.

Skin: Contact causes severe skin irritation and possible burns.

Ingestion: Harmful if swallowed.

Inhalation: Not Established

Reproductive toxicity

Reproductive toxicity: No known significant effects or critical hazards.

Teratogenic effects: No known significant effects or critical hazards.

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Routes of entry: Eye, skin, ingestion.

Target organ statement: No known significant effects or critical hazards.

Cancer statement: None

Sensitization: No known significant effects or critical hazards.

Warning caution labels: Corrosive

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Alkyl (C14 50%; C12 40%; C16 10%) Dimethyl Benzyl Ammonium Chloride	8.9	68424-85-1
Octyl Decyl Dimethyl Ammonium Chloride	6.67	32426-11-2
Didecyl Dimethyl Ammonium Chloride	4	7173-51-5
Diocetyl Dimethyl Ammonium Chloride	2.67	5538-94-3
Tetrasodium EDTA	5 - 10	64-02-8
C9-11 Pareth	5 - 10	68439-46-3
Alcohol	1 - 3	64-17-5
Sodium Metasilicate	1 - 3	6834-92-0
Fragrance	< 1	TS
Dye	< 0.1	TS
Water	55 - 65	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 to fresh air. If unconscious, place in recovery position and seek medical advice. If breathing is irregular or stopped, administer artificial respiration. Call a physician or poison control center immediately. Keep respiratory tract clear.

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, sneezing, possible difficulty breathing.

Acute effects: Corrosive to eyes and skin. Harmful if swallowed

Chronic effects: No known significant effects or critical hazards.

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: IIIA (140-200F)

General hazard: Combustible Liquid

Suitable extinguishing media: Water spray, alcohol-resistant foam, or dry chemical.

Other considerations: Use water spray to cool unopened containers. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Fire fighting procedures: Heating or fire can release toxic gas. Do not allow run-off from fire fighting to enter drains or water courses.

Fire fighting equipment: In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

6. Accidental release measures

Small spill: Shut off any ignition sources. Avoid runoff into storm sewers and ditches which lead to waterways.

Large spill: Shut off all ignition sources. Ventilate area. 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: Neutralize with acid. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see section 13).

Release notes: Eliminate all ignition sources. Ventilate area well.

Special protective equipment: Use personal protective equipment. Use respirator when performing operations involving potential exposure to vapor of the product.

7. Handling and storage

General procedures: Do not store near acids. Take precautionary measures against static discharges.

Precautions for safe handling: Do not breathe vapors/dust. Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. To avoid spills during handling keep bottle on a metal tray. Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage: Open dumping is prohibited. Store in original container in areas inaccessible to children.

Storage temperature: <60°C

Storage pressure: Store at ambient atmospheric pressure.

8. Exposure controls/personal protection

Exposure controls

Chemical name	Control parameters			
	Occupational exposure limit values			
	Type		ppm	mg/m ³
Alcohol	OSHA PEL	TWA	1000	1900
	ACGIH TLV	TWA	1000	1884

Appropriate engineering controls: Use in well ventilated area.

Individual protection measures, such as personal protective equipment

Eye / face protection: Safety glasses with side-shields conforming to EN166. Wear face-shield and protective suit for abnormal processing problems.

Skin protection - hand protection: Rubber or other chemical resistant gloves.

Respiratory protection: In the case of vapor formation use a respirator with an approved filter. Respirator with ABEK filter. Respirator with a vapor filter.

Skin protection - other: Choose body protection according to the amount and concentration of the dangerous substance at the work place. Impervious clothing.

Occupational hygiene practices: Avoid contact with skin, eyes and clothing. When using do not eat or drink. When using do not smoke.

9. Physical and chemical properties

Physical state: Liquid
Color: Slight Yellow
Odor: Pleasantly Fresh
Odor threshold: Not Established
pH: 12.0 to 13.5
Freezing point: 32° F; 0° C
Initial boiling point and boiling range: 212° F; 100° C
Flash point: 61°C (142°F) Tag Closed Cup (TCC)
Evaporation rate (n-butyl acetate = 1): (Water =1) 1.0
Lower explosion limit / flammability limit: Not determined
Upper explosion limit / flammability limit: Not determined
Vapor pressure: 20 mm Hg at (68°F)
Relative vapor density: ~ 1 Air = 1
Density: 8.47 at 20°C (68°F)
Relative density: 1.015 grams/ml. at 20°C (68°F)
Solubility: Complete
Auto-ignition temperature: NA = Not Applicable
Decomposition temperature: Not Available
Viscosity: Slightly viscous.
Percent volatiles: >50
VOC content: Not yet Known

10. Stability and reactivity

Reactivity: No decomposition if stored and applied as directed.
Dangerous polymerization: Will not occur.
Chemical stability: Stable under normal storage and use conditions.
Conditions to avoid: Heat
Possibility of hazardous reactions: Stable under recommended storage conditions.
Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Incompatible materials: Strong alkalis. 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
Alkyl (C14 50%; C12 40%; C16 10%) Dimethyl Benzyl Ammonium Chloride	344 mg/kg (rat)	3412 mg/kg (rabbit)	
Octyl Decyl Dimethyl Ammonium Chloride	238 mg/kg (rat)	3342 mg/kg (rat)	0.07 mg/L
Didecyl Dimethyl Ammonium Chloride	238 mg/kg (rat)	3342 mg/kg (rat)	0.07 mg/L
Diocetyl Dimethyl Ammonium Chloride	238 mg/kg (rat)	3342 mg/kg (rat)	0.07 mg/L
Tetrasodium EDTA	3030 mg/kg (rat)	> 5000 mg/kg (rabbit)	
C9-11 Pareth	1400 mg/kg (rat)	> 5000 mg/kg (rat)	No data available
Alcohol	10400 mg/kg (rat)	15800 mg/kg (rabbit)	30000 mg/l (rat)
Sodium Metasilicate	1152 to 1349 mg/kg (rat)		

Acute dermal toxicity LD₅₀: > 5000 mg/kg male and female rabbits.

Acute oral toxicity LD₅₀: 1331 mg/kg Male and Female rats.

Skin corrosion / irritation: Corrosive

Serious eye damage / irritation: Corrosive

Respiratory or skin sensitization: Not yet Known

Germ cell mutagenicity: No known significant effects or critical hazards.

Carcinogenicity

IARC: No listed substance

NTP: No listed substance

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

Aquatic toxicity, both acute and chronic: Very toxic to aquatic life.

Persistence and degradability: Not Established

Bioaccumulative potential: Not Established

Other adverse effects: Very toxic to aquatic life with long lasting effects.

Mobility in soil: Not Established

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: Any method in accordance with local, state, and federal laws. Best method is to recycle or reuse for intended purpose.

Empty container: Nonrefillable container. Do not reuse or refill this container. Wrap empty container and put in trash.

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: Disinfectant, liquid, corrosive n.o.s.

Technical name: Quaternary Ammonium Compounds

Transport hazard class(es): 8

UN number: 1903

Packing group, if applicable: III

NAERG: 153

Placards: Corrosive

Hazard label: Certain package sizes determine the proper labeling of containers. Consult manufacturer for specific information regarding proper labeling.

DOT other shipping information: Certain shipping modes and packaging sizes may have exceptions from the transport regulations. The classifications/information provided above may not reflect applicable exceptions. Contact the manufacturer for more specific information on the proper shipping of this material.

U.S. Customs harmonization number: 3808.94.0000

ICAO - air

UN proper shipping name: Contact manufacturer for more information.

Technical name: Contact manufacturer for more information.

IMDG - sea

UN proper shipping name: Disinfectant, liquid, corrosive n.o.s.

Technical name: Quaternary Ammonium Compounds

UN number: 1903

Transport hazard class(es): 8

Packing group, if applicable: III

EmS: F-E

Hazard label: Corrosive

15. Regulatory information

UNITED STATES

Dot label symbol and hazard classification



Corrosive



Limited
Quantity
Ground

SARA Section 311/312 Hazard Categories

311/312 Health hazards: Health - Acute

311/312 Physical hazards: Flammable Liquids

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: NA = Not Applicable

TSCA (The Toxic Substances Control Act)

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

CAA 112(b) Hazardous Air Pollutants

CAA 112(r) List of Substances for Accidental Release Prevention: No listed substance

Clean air act (hazardous air pollutants): No listed substance

States with special requirements

Chemical name	Requirements
Sodium Metasilicate	Pennsylvania Right to Know Substance New Jersey Right To Know Substance

California Proposition 65: None

RCRA status: No listed substance

Clean water act: No listed substance

Carcinogen: None

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

16. Other information

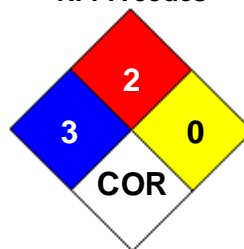
Date revised: 06/01/2022

Revision summary: This SDS replaces the 12/22/2021 SDS. Revised: **Section 2:** Classification of the substance or mixture, Potential health effects - Skin absorption Warning caution labels, Label elements, Precautionary statement(s). **Section 3:** % w/w. **Section 4:** Acute toxicity, Eye, Ingestion, Inhalation, Most important symptoms and effects, both acute and delayed - Ingestion Skin protection - hand protection. **Section 5:** Explosion hazards, Suitable extinguishing media, Fire explosion, Fire fighting equipment, Fire fighting procedures, Flammable class, Hazardous combustion products, Hazardous decomposition products, Other considerations. **Section 6:** General procedures, Special protective equipment. **Section 7:** General procedures, Precautions for safe handling, Conditions for safe storage, Storage temperature. **Section 8:** Individual protection measures, such as personal protective equipment (Respiratory protection, Skin protection - other), Occupational hygiene practices. **Section 9:** Flash point, Percent volatiles. **Section 10:** Conditions to avoid, Incompatible materials, Stable, Possibility of hazardous reactions. **Section 11:** Acute (LD₅₀ (oral) mg/kg(rat), LD₅₀ (oral) mg/kg(rat)). **Section 12:** Ecotoxicological information, Other adverse effects, Aquatic toxicity, both acute and chronic. **Section 13:** Empty container. **Section 15:** General comments, 311/312 health categories. **Section 16:** HMIS rating - Flammability NFPA codes - Flammability.

HMIS rating

Health	1	3
Flammability	2	2
Physical hazard	0	0
Personal protection	B	

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.