

SAFETY DATA SHEET 28/08/2020

SteriKleen

Section 1: IDENTIFICATION

Product Identifier: **SteriKleen Virucidal Disinfectant Wipes**
SteriKleen solution **DIN #: 02500787** EPA #: Pending

Other means of Identification: Moistened Virucidal Disinfectant Wipes.

Product Family: **VIRUCIDAL DISINFECTANT WIPES FOR HARD SURFACES**

Recommended use: For Industrial Use Only.

Restrictions on Use: KEEP OUT OF REACH FROM CHILDREN

Manufactured by:

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TRANSPORTATION EMERGENCIES:

Canada – Canutec +1 613 996 6666 Collect *666 (Cell Canada Only)

USA – CHEMTREC +1 800 424 9300

SDS Preparation Date: 25 June 2020 Product #: SK160, SDS #1603

SAFETY DATA SHEET

SteriKleen

Section 2: HAZARD IDENTIFICATION

Classification: SteriWipes are not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

GHS Label elements, including Precautionary Hazard statements

Appearance: Liquid - clear. Towelette - white.

Physical State: Pre-moistened towelette (no free liquids).

Odour: Odourless .

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

Precautionary Statements (Prevention) - Not applicable.

Precautionary Statements (Response) - Not applicable.

Precautionary Statements (Storage) - Not applicable.

Response:

Wash hands and skin with soap and water after use.

If skin irritation occurs: Seek medical advice/attention.

If contact with eyes occurs;

i) Remove glasses /contact lenses if possible .

ii) Flush continuously with water for a minimum of 15 minutes.

Storage:

Do not mix wipes with any other chemicals. Keep container closed when not in use. Keep from freezing. Keep storage temperatures 4°C - 30°C (39°F – 86°F)

Disposal:

Dispose of contents and containers in compliance with local, regional, provincial/state, national, and international regulations.

Other Hazards: Repeated exposure may cause skin dryness or cracking.

SAFETY DATA SHEET

SteriKleen

Section 3: - INGREDIENTS and HAZARD IDENTIFICATION

Chemical Name	CAS No	%	Other Identifiers	Other Names
1- Decanminium,N, N-dimethyl-N-octyl-, chloride	32426-11-2	.5-5	Not applicable	
Quaternary ammonium compounds,benzyl-C12-C16-alkydimetyl,chlorides	68424-85-1	.5-5	Not applicable	
Poly(oxy-1,2-ethanediyl)-alpha-(4-nonylphenyl)-omega-hydroxy-,branched	127087-87-0	.5-5	Not applicable	

Note: Concentrations are expressed in % weight/weight.

Section 4: FIRST-AID MEASURES

Skin Contact: Rinse skin with soap and water. If irritation occurs, get medical advice or attention.

Eye Contact: Immediately rinse contaminated eye(s) with lukewarm, gently flowing water for at least 15 minutes while holding eyelids open. If eye irritation persists, get medical advice or attention.

Ingestion: DO NOT DRINK LIQUID OR EAT / INGEST PRE-MOISTENED TOWELETTES. Drink large amounts of water. Do not induce vomiting. Seek medical attention if person or animal feels unwell or other concerns arise.

Target Organs: Skin, eyes, respiratory system.

Special Instructions: Not applicable.

Medical Conditions Aggravated by Chronic Exposure:
Asthma, dermatitis.

SteriKleen™



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Page 4 of 9

SAFETY DATA SHEET

SteriKleen

Section 5: FIRE AND EXPLOSION HAZARD DATA

Suitable Extinguishing Media: Product not combustible Use agent appropriate for surrounding fire.

Unsuitable Extinguishing Media: None Known.

Specific Hazards Arising from Product: Not sensitive to static discharge. In a fire, the following hazardous materials may be generated: very toxic carbon monoxide; carbon dioxide; corrosive, oxidising nitrogen oxides; corrosive hydrogen chloride. Other toxic vapours.

Special Fire Fighting Equipment and Procedures: Use appropriate NFPA / OSHA PPE (SCBA, Bunker Gear or Chemical Splash Suit as required). Use water spray to cool exposures.

Unusual Fire and Explosion Hazards: None.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Do not touch damaged containers or spilled product unless wearing appropriate protective equipment. Use the personal protective equipment recommended in Section 8 of this safety data sheet. Remove or isolate incompatible materials as well as other hazardous materials.

Environmental Precautions: Best practices is to prevent release into environment.

Methods and Materials for Containment and Clean Up:
Review Section 7 (Handling) of this safety data sheet prior to proceeding

Large spills or Leaks: Dike spilled product to prevent run off. Recover product by pump or vacuum into appropriate container.

Small spills or leaks:
Stop or reduce leak if safe to do so. Contain and soak up spill with inert absorbent material such as spill pads, sand, or floor dry compound. Place recovered materials in appropriate container labeled for proper disposal. Reuse of product is possible, or otherwise disposal in accordance with regulations.

Other information:
Contact supplier, local fire and emergency service for help. Report spills to local, provincial (state), and federal environmental and safety authorities as required.



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SAFETY DATA SHEET

SteriKleen

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling:

KEEP OUT OF REACH OF CHILDREN. READ LABEL ON CONTAINER BEFORE USE.
Use good hygiene practices. Avoid generation of mist or vapours.
Avoid huffing product. Practice thorough hand washing.

Conditions for Safe Storage:

Store in an area that is — cool, ventilated, and separate from incompatible materials. (see Section 10: Stability and Reactivity) Empty containers may contain hazardous residue.

Store separately. Keep lid closed. Follow all precautions given on this safety data sheet. Comply with all applicable health and safety regulations, fire and building codes.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: SteriWipes, as supplied, do not contain any hazardous materials with occupational exposure limits established by regional and/or specific regulatory bodies.

Appropriate Engineering Controls: None under normal use conditions. Individual protection measures, such as personal protective equipment.

Eye / face protection: No special protective equipment required.

Skin and body protection: No special protective equipment required.

Respiratory protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations: Handle in accordance with good industrial hygiene and safety practices.



SAFETY DATA SHEET

SteriKleen

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Liquid	
Odour Threshold	Not Available	
pH	12.5-13.5 (100 % solution)	
Melting/Freezing Point	Not Available (melting)	Not Available (freezing)
Initial Boiling Point/ Range	Not Available	
Flash Point	Not Applicable	
Evaporation Rate	Not Available	
Flammability (solid, gas)	Not Applicable	
Flammability Range	Not Applicable (lcl)	Not Applicable (uel)
Vapour Pressure	Not Available	
Vapour Density (air = 1)	Not Available	
Relative Density (water = 1)	1.01 @ 20° C	
Solubility	Soluble in water; Not available (other liquids)	
Partition Coefficient, n Octanol/Water (Log Kow)	Not Available	
Auto-ignition Temperature	Not Available	
Decomposition Temperature	Not Available	
Viscosity	Not Available (kinematic)	Not Available (dynamic)

Basic Physical and chemical properties.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: None known.

Chemical Stability: Normally stable.

Possibility of Hazardous Reactions:

None expected under normal conditions of storage and use.

Incompatible Materials: Reacts with incompatible — strong acids (e.g. hydrochloric acid), strong oxidizing agents (e.g. perchloric acid), oxidizing agents (e.g. peroxides), strong reducing agents (e.g. hydrides).

Not corrosive to metals.

Hazardous Decomposition Products:

Very toxic carbon monoxide; carbon dioxide; corrosive, oxidising nitrogen oxides; corrosive hydrogen chloride.

SAFETY DATA SHEET

SteriKleen

SECTION 11: TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

Likely Routes of Exposure: Skin contact; eye contact; inhalation.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethylchlorides	Not available	344 mg/kg (rat)	3340 mg/kg (rabbit)
Poly(oxy-1,2-ethanediyl)-alpha-(4-nonylphenyl)-omega-hydroxy-, branched	1.15 mg/L (rat) (aerosol)	> 500 mg/kg (rat)	> 1000 mg/kg (rabbit)

Skin Irritation: Repeated or prolonged exposure to SteriKleen concentrate solution can irritate or burn the skin. Symptoms of prolonged direct exposure may include pain, redness, and swelling. NO NOT dip or soak hands in SteriKleen solution.

Eye Irritation / Damage: SteriKleen solution may irritate the eyes. Wear approved eye protection when spraying or pouring. Permanent damage may result if SteriKleen solution is poured or splashed in eyes. See Section 4.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation: At high concentrations may cause nose and throat irritation. Symptoms may include coughing, shortness of breath, difficulty breathing and chest tightness.

Aspiration Hazard: Not known to be an aspiration hazard.

STOT (Specific Target Organ Toxicity) - Repeated Exposure: May cause dermatitis. Symptoms may include dry, red, cracked skin (dermatitis). May cause irritation to respiratory system.

Respiratory and/or Skin Sensitisation: Not known to be a respiratory sensitizer. Not known to be a skin sensitizer.

Carcinogenicity: Not known to cause cancer.

Reproductive Toxicity: Development of offspring — Not known to harm unborn child.

Sexual Function and Fertility: Not known to cause effects on sexual function or fertility.

Germ Cell Mutagenicity: Not known to be a mutagen. No information was located for: Effects on or via Lactation, Interactive Effects.



SAFETY DATA SHEET

SteriKleen

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Toxic, with long lasting effects to aquatic life, based on acute toxicity tests.

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides	0.28 MG/L (Pimephales promelas (fathead minnow); 96-hour	0.01 mg/L (Daphnia magna (water flea); 48-hour		0.04 mg/L (Pseudokirchneriella subcapitata (algae); 96-hour
Poly(oxy-1,2-ethanediyl)-alpha-(4-nonylphenyl)-omega-hydroxy-branched	3.8-6.2 mg/L (Pimephales promelas (fathead minnow); 96-hour	9.3-21.4 mg/L (Daphnia magna (water flea); 48-hour		

Persistence and Degradability:

No ingredient of this product or its degradation products is known to be highly persistent.

Bioaccumulative Potential:

This product and its degradation products is not expected to bioaccumulate.

Mobility in Soil: Studies not available.

Other Adverse Effects: No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Methods:

Recycle and reuse product, if possible. Recommended disposal methods are for the product, as sold. (Used material may contain other hazardous contaminants) *The required hazard evaluation of the waste and compliance with the applicable hazardous waste laws are the responsibility of the user.*

SAFETY DATA SHEET

SteriKleen

SECTION 14 : TRANSPORTATION INFORMATION

Not WHIMIS controlled.

Environmental Hazards:

Marine Pollutant (Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides).

Special Precautions: Not applicable.

Transport in Bulk According to Annex II of MARPOL 73/78 and IBC Code:

Not applicable.

SECTION 15: REGULATORY INFORMATION

Safety, Health and Environmental Regulations:

Canada — Domestic Substances List (DSL) / Non-Domestic Substance List (NDSL)

All ingredients listed on the DSL / NDSL.

USA — Toxic Substances Control Act (TSCA) Section 8 (b)

All ingredients are listed on the TSCA Inventory.

Custom Regulatory 1: WHMIS EXEMPT. DIN #: 02500787 EPA #: 6836-140

SECTION 16: OTHER INFORMATION

Prepared by:

Technical Department

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SDS Preparation Date: 2020-06-25

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