

SAFETY DATA SHEET

SteriWipes



Section 1: IDENTIFICATION

Product Identifier

Other means of Identification

SteriWipes Virucidal Disinfectant Wipes

CANADA DIN #: 02500787 LONZA EPA #: 6836-140

Product Family

Moistened Virucidal Disinfectant

Recommended use

**Wipes VIRUCIDAL DISINFECTANT
WIPES FOR HARD SURFACES**

Restrictions on Use

**For Industrial Use Only
KEEP OUT OF REACH FROM CHILDREN**

Supplied By: Preferred Industrial

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Emergency Product Information:

604-940-9393

TRANSPORTATION EMERGENCIES:

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

USA – CHEMTREC +1 800 424 9300

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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

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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

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	

Notes

Concentrations are expressed in % weight/weight

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Section 4:- FIRST-AID MEASURES

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 are concerned arises

Target Organs

Skin, eyes, respiratory system.

Special Instructions

Not applicable

Medical Conditions Aggravated by Chronic Exposure

Asthma, dermatitis

Section 5: - FIRE AND EXPLOSION HAZARD DATA

Extinguishing Media

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

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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

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

huffing product

Practice good hand

washing.

Avoid generation of mist or vapours.

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.

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SECTION 8:- EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Appropriate Engineering Controls:

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 practice.

SECTION 9:- PHYSICAL AND CHEMICAL PROPERTIES

Basic 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)

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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 with: 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.

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-	Not available	344 mg/kg (rat)	3340 mg/kg (rabbit)
Poly(oxy-1,2-ethanediyl)- alpha-(4-nonylphenyl)- omega-	1.15 mg/L (rat) (aerosol)	> 500 mg/kg (rat)	> 1000 mg/kg (rabbit)

Skin Corrosion/Irritation

Repeated or prolonged exposure can irritate or burn the skin. Symptoms include pain, redness, and swelling

Serious Eye Damage/Irritation

May irritate or burn the eyes. Permanent damage including blindness may result

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.

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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.

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	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 (alga); 96- hour
Poly(oxy-1,2-ethanediyl)-alpha- (4-nonylphenyl)-omega-hydroxy-	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.

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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.

SECTION 14 : –TRANSPORTATION INFORMATION

Canadian Transportation of Dangerous Goods Regulations

UN 1903 Disinfecting Liquid, N.O.S., Class 8 Pg III
(Quaternary Ammonium Compound Mixture)

US Department of Transport

UN 1903 Disinfecting Liquid, N.O.S., Class 8 Pg III
(Quaternary Ammonium Compound Mixture)

International Air Transportation Association Regulations

UN 1903 Disinfecting Liquid, N.O.S., Class 8 Pg III
(Quaternary Ammonium Compound Mixture)

International Maritime Organization Regulations UN

1903 Disinfecting Liquid, N.O.S., Class 8 Pg III (Quaternary
Ammonium Compound Mixture)

Environmental Hazards

Marine Pollutant (Quaternary ammonium compounds, benzyl-C12-C16-alkydimethylchlorides)

Special Precautions

Not applicable

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

Not applicable

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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

CANADA DIN #: 02500787 LONZA EPA #: 6836-140

SECTION 16: –OTHER INFORMATION

SDS Issue Date: 2020-06-25

SDS Expiration Date: 2023-06-24

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