



SAFETY DATA SHEET (SDS)

SHARKSKIN MICROBE DEFENSE WITH PARMASAFE

STEP 1- ParmaSafe CLEAN™

SECTION 1: IDENTIFICATION

Product Name: ParmaSafe Clean™
Product Use: Cleaner, Disinfectant, Sanitizer and Heavy Duty Odor Eliminator

Product Code(s): SSMD-PS-01

Supplier:
Sym-Tech Inc.
P.O. Box 430, Stn A
Scarborough ON
M1K 5C3
1-800-363-5796
Emergency Tel. 1-613-996-6666 CANUTEC for 24HR emergency information

SECTION 2: HAZARD(s) IDENTIFICATION

GHS HAZARD CLASSIFICATION: This material is not considered hazardous by the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

Remarks: For full text of Hazard and EU Hazard-statements: see SECTION 16.

Emergency Overview: Colourless liquid with mild fresh odour. Avoid contact with eyes. Keep out of reach of children.

H	0	
F	0	
R	0	
PE	--	

HMIS Rating: PPE: 0	Health: 0	Flammability: 0	Reactivity: 0
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Potential Health Effects**EyeContact:**

Eye contact may cause mild eye irritation with discomfort.

Skin Contact:

Does NOT cause skin irritation and the product is NOT skin sensitizer.

Inhalation:

Does NOT cause any respiratory irritation. If consumer product accidentally contacts strong acids in restricted ventilation area, avoid breathing the vapours and allow adequate time for the vapours to disperse before re-entering the restricted area.

Ingestion:

Non-Toxic

Carcinogenicity Information:

IARC, NTP, OSHA, AND ACGIH list none of the components present in this material at concentrations equal to or greater than 0.1% as carcinogens.

Hazard Statements:

Eye contact may cause mild eye irritation with discomfort.

Precautionary Statements – Prevention:

P234: Keep only in original container, or properly labeled second container.

Precautionary Statements – Response:

P390: Absorb spillage to prevent waste.

Labelling Elements:

None

SECTION 3: COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Ingredients	CAS Number	Wt%
Oxychlorine Compounds	Mixture	0.200
n-Alkyl Dimethyl Benzyl Ammonium Chloride	68391-01-5	0.125
n-Alkyl Dimethyl Ethylbenzyl Ammonium Chloride	85409-23-0	0.125
Inert Ingredients	Mixture	99.55

At these concentrations none of the ingredients are known to pose any hazards to human health.

SECTION 4: FIRST-AID MEASURES

Eye Contact:	In case of contact, flush eyes with plenty of water.
Skin Contact:	Does not cause skin irritation.
Ingestion:	Non-Toxic. Give a glass of water.
Inhalation:	Does not cause any respiratory irritation. If consumer product accidentally contacts strong acids in restricted ventilation area, avoid breathing the vapours, and allow adequate time for the vapours to disperse before re-entering the restricted area.

SECTION 5: FIRE-FIGHTING MEASURES

Flammable Properties:	Flash Point: Not available
Burn Rate:	Unknown
Upper Flammable Limit:	Not established
Flammable Limits: Lower Flammable Limit:	Not established
Flammability Classification:	Non-Flammable liquid
Auto Ignition Temperature:	Not established
Hazardous Combustion Products:	Thermal or other decomposition may yield chlorine dioxide or chlorine.
Extinguishing Media:	N/A (Non-Flammable liquid)
Additional Considerations:	None
Fire Fighting Instructions:	Non-Flammable liquid
NFPA Rating:	Health: 0 Flammability: 0 Reactivity: 0 PPE: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill Clean Up:	No special cleanup measures are required for the consumer product. To avoid the possibility of “bleaching” the spill should be absorbed with paper towels, and the area rinsed with clean water.
Accidental Release Measures:	Spills are slippery and should be cleaned up promptly.

SECTION 7: HANDLING AND STORAGE

Handling:	Keep away from heat and strong acids. Do not ingest. Keep container closed. Use only with adequate ventilation.
Storage:	Keep container tightly closed and sealed until ready for use. Keep container in a well-ventilated place. Do not store above 120°F or near fire or open flame. Store large quantities in buildings to comply with OSHA 1910.106. Do not transfer to bottles or other unlabelled containers. Do not reuse empty containers. Keep out of reach of children.
Incompatible Materials:	Strong acids.
Special Packaging Materials:	None

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:	Use in adequately ventilated areas.
Personal Protective Equipment:	
Skin Protection:	Not required for consumer product.
Eye/Face Protection:	Not required for consumer product.
Respirators:	None required for normal use. If consumer product accidentally contacts strong acids in restricted ventilation area, avoid breathing the vapours and allow time for the vapours to disperse before re-entering the restricted area.

Exposure Limits:**Oxychlorine Compounds: n-Alkyl Dimethyl Ethylbenzyl Ammonium Chloride:**

PEL (OSHA): Not available
 TLV (ACGIH): Not available

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 TLV (ACGIH): Not available

n-Alkyl Dimethyl Benzyl Ammonium Chloride:

PEL (OSHA): Not available
 TLV (ACGIH): Not available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colourless Liquid
Physical State:	Liquid
Odor:	Mild-Fresh
Boiling Point:	212° F
pH:	9.5
Solubility in Water:	100%
Freezing Point:	32° F
Vapour Pressure (mm Hg)	Not available
Volatile Organic Compounds (VOC):	None
Evaporation Rate:	Less than Ether
Specific Gravity:	1.003 @ 68° F (20° C)
Density (lb/gal):	8.40 @ 68° F (20° C)

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	The product is stable
Hazardous Polymerization:	Will not occur
Materials to Avoid:	Strong acids
Conditions to Avoid:	Contact with strong acids.
Hazardous Decomposition Products:	Thermal or other decomposition may yield chlorine dioxide or chlorine.

SECTION 11: TOXICOLOGICAL INFORMATION**Toxicity Testing:****Acute Inhalation:**

Studies with Wistar Albino rats exposed to a respirable aerosol made from a solution of Step 1 at a level of 2.08 mg/l for four hours resulted in no deaths and no abnormal necropsy observations.

Eye Contact: Studies with New Zealand white rabbits showed this product is a very mild ocular irritant; mild conjunctival irritation was observed, but cleared within 24 hours.

Skin Contact: Study or dermal toxicity in New Zealand white rabbits showed the product to be non-toxic: Dermal LD50>5,000 mg/kg of body weight; Study of dermal irritation in New Zealand white rabbits showed the product is not a dermal irritant. In Dermal Sensitization studies, Step 1 was determined not to be a sensitizer.

Swallowing: Acute oral toxicity in albino rats: Non-toxic LD50>5,000 mg/l of body weight.

SECTION 12: ECOLOGICAL INFORMATION

Environmental Hazards: No data available.

Environmental Fate: No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations.

SECTION 14: TRANSPORT INFORMATION

Not regulated by DOT, IMO/IMDG and IATA/ICAO for ground, air or ocean shipments.

SECTION 15: REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA:

OSHA:

All components appear in TSCA Inventory
Refer to Section 8 for exposure limits.

**CERCLA SARA Hazard Category:
Section 311 / 312:**

This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Agreement and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories: Information not available.

Section 313:

This product contains following substances subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: None.

State Regulations:

State Right to Know information is not provided.

California prop. 65 (no significant risk level):

None

**International Regulations:
Canadian WHMIS:**

Not Controlled

Canadian Environmental Protection Act (CEPA):

Additional information available upon request.

EU Regulations:

Additional information available upon request.

SECTION 16: PREPARATION AND OTHER INFORMATION

HMIS Rating Health: 0 Flammability: 0 Reactivity: 0 PPE: 0

PREPARED BY: WHMIS Committee
PHONE NUMBER: 1-800-363-5796
EMERGENCY: This SDS is Registered with CANUTEC
EMERGENCY NUMBER: For 24hr Information call 613-996-6666
PREPARATION DATE: January 2021
EXPIRES: January 2023

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