

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

Product Name: CI SafeStrike

Use of the Substance / Mixture: Pre-saturated broad-spectrum quaternary ammonium surface sanitizing wipe

Product Code: CI-SS-001

Distributed By: Chem International (a division of Aliysha Enterprises Ltd.) | 10770-180 Street NW, Edmonton, AB T5S 2S4 | 1.800.665.7287 | www.chemintonline.com

Contact: Technical Services Department

Emergency Number: CANUTEC: 1.888.226.8832

NOTE: CI SafeStrike is an EPA-registered pesticide product (EPA Reg. No. 1839-221). The EPA registration is held by the manufacturer. Chem International distributes this product under its CI SafeStrike trade name. All pesticide label directions must be followed. It is a violation of federal law to use this product in a manner inconsistent with its labeling.

SECTION 2 — HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

GHS / WHMIS 2015 Category	Hazard Class	Hazard Statement
Eye Irrit. 2B	H320	Causes eye irritation

2.2 Label Elements

Hazard Pictograms: Exclamation mark (GHS07)

Signal Word: WARNING / CAUTION

Hazard Statement: H320 — Causes eye irritation

PRECAUTIONARY STATEMENTS: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling. Do not use for cleaning or sanitizing human or animal skin. IF IN EYES: Hold eyes 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. Call a poison control centre or doctor for treatment advice. Keep out of reach of children.

2.3 Other Hazards

No additional hazards identified beyond those listed above.

2.4 Unknown Acute Toxicity

Not applicable.

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable — this product is a mixture.

3.2 Mixtures — Active Ingredients (EPA-Registered Pesticide)

Ingredient	CAS No.	Amount Active	GHS Classification
Didecyl dimethyl ammonium chloride	7173-51-5	0.024%	Eye Irrit. 2B, H320; Skin Corr./Irrit.

Alkyl (40% C12, 50% C14, 10% C16) dimethyl benzyl ammonium chlorides	68391-01-5	0.016%	Eye Irrit. 2B, H320; Skin Irrit.
Inert Ingredients (water, other)	Various	99.960%	Not classified

Note: Specific chemical identities and/or percentages of inert ingredients have been withheld as trade secrets. All hazardous chemicals as determined by applicable Canadian OHS regulations have been listed.

HEALTH	FIRE	REACT.	PPE
1	0	0	B

SECTION 4 — FIRST AID MEASURES

4.1 Description of First Aid Measures

General: If you feel unwell, seek medical advice (show the label where possible).

Inhalation: Remove the person to fresh air. If irritation persists, seek medical attention.

Skin Contact: Wash with soap and water. Remove contaminated clothing. If irritation develops, seek medical attention.

Eye Contact: Hold eyes 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. Call a poison control centre or doctor for treatment advice.

Ingestion: Rinse mouth with water. Do NOT induce vomiting. Seek medical attention if irritation or discomfort persists.

4.2 Most Important Symptoms and Effects — Acute and Delayed

General: Not expected to present a significant hazard under anticipated conditions of normal use.

Inhalation: None under normal use conditions.

Skin Contact: Prolonged contact may cause mild irritation.

Eye Contact: Causes eye irritation.

Ingestion: May cause gastrointestinal complaints.

4.3 Immediate Medical Attention and Special Treatment

Treat symptomatically. No specific antidote. Show the product label or this SDS to attending medical personnel.

SECTION 5 — FIREFIGHTING MEASURES

5.1 Extinguishing Media

Suitable: All extinguishing media appropriate for surrounding fire type.

Unsuitable: None identified.

5.2 Special Hazards Arising from the Substance or Mixture

Upon combustion: CO and CO₂ may be formed.

5.3 Advice for Firefighters

Firefighting Instructions: Exercise caution when fighting any chemical fire. Use water spray or fog to cool exposed containers. Account for environmentally hazardous firefighting water runoff.

Protective Equipment: Do not enter fire area without self-contained breathing apparatus (SCBA) and full protective clothing.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment, and Emergency Procedures

General: Isolate from fire if possible without unnecessary risk.

Non-Emergency Personnel: Wear protective goggles, gloves, and protective clothing. Evacuate unnecessary personnel. Avoid contact with skin, eyes, and clothing. Ventilate the spill area.

Emergency Responders: Equip cleanup crew with appropriate protection. Stop release if safe to do so. Ventilate area.

6.2 Environmental Precautions

Avoid release to the environment. Prevent entry to sewers, storm drains, and public waterways.

6.3 Methods and Material for Containment and Cleaning Up

Containment: Contain released product and collect into suitable, labelled containers.

Cleaning Up: Dispose of material and its container safely in accordance with local, provincial, and federal regulations.

HEALTH	FIRE	REACT.	PPE
1	0	0	B

SECTION 7 — HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Safe Handling: Read and understand all safety precautions before use. Use PPE as required. Do not eat, drink, or smoke when using this product. Avoid contact with eyes, skin, and clothing. Use a fresh wipe for each new surface to be sanitized. Do not flush wipes.

Hygiene Measures: Wash hands thoroughly after handling. Launder contaminated clothing before reuse.

7.2 Conditions for Safe Storage

Storage Conditions: Keep container closed/sealed when not in use to retain moisture. Store in a cool, dry, well-ventilated area inaccessible to children.

Incompatible Products: Oxidizing agents.

Special Notes: Non-refillable container — do not reuse or refill. Offer empty canister for recycling where available.

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

No specific OELs established for active ingredients at the concentrations present in this formulation under normal use conditions.

8.2 Exposure Controls

Engineering Controls: General ventilation adequate for normal use. Local exhaust ventilation preferred in enclosed or poorly ventilated spaces.

Personal Protective Equipment: Safety glasses or chemical splash goggles. Chemical-resistant gloves recommended for extended use. Respiratory protection not required under normal use conditions.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

9.1 Basic Physical and Chemical Properties

Physical State	Solid (pre-saturated wipe)	Appearance	White non-woven pre-moistened cloth
Odour	Mild	Odour Threshold	No data available
pH (liquid component)	7 – 9	Flash Point (liquid component)	> 200°F (> 93°C), Closed Cup
VOC Content (liquid component)	< 1.0% by weight	Density (liquid component)	1 g/mL
Solubility	Liquid component is water-soluble	Wipe Size	6" × 10" (canister); 8" × 6" (refill/bucket)
Specific Gravity (liquid)	1.0	Flammability	No data available
Auto-ignition Temperature	No data available	Decomposition Temperature	No data available
Vapour Pressure	No data available	Active Ingredient Concentration	400 ppm quaternary ammonium (total)

SECTION 10 — STABILITY AND REACTIVITY

Reactivity: Upon combustion: CO and CO₂ are formed.

Chemical Stability: Stable under normal conditions of storage and use.

Possibility of Hazardous Reactions: Refer to Reactivity above.

Conditions to Avoid: Excessive heat and sources of ignition.

Incompatible Materials: Oxidizing agents.

Hazardous Decomposition Products: Under normal storage and use conditions, hazardous decomposition products should not be produced.

SECTION 11 — TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Toxicological Category	Classification
Acute Toxicity	Not classified
Skin Corrosion / Irritation	Not classified (pH 7–9, liquid component)
Serious Eye Damage / Irritation	Eye Irrit. 2B — Causes eye irritation (pH 7–9, liquid component)
Respiratory / Skin Sensitisation	Not classified
Germ Cell Mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive Toxicity	Not classified
STOT — Single Exposure	Not classified
STOT — Repeated Exposure	Not classified
Aspiration Hazard	Not classified

Symptom Summary

Inhalation: None under normal use conditions.

Skin Contact: Prolonged contact may cause mild irritation.

Eye Contact: Causes eye irritation.

Ingestion: May cause gastrointestinal complaints.

SECTION 12 — ECOLOGICAL INFORMATION

12.1 Toxicity

No specific ecotoxicological data available for this formulation.

Note: Quaternary ammonium compounds (QACs) are known to be toxic to aquatic organisms at elevated concentrations. Prevent product from entering waterways, storm drains, or sewers.

12.2 Persistence and Degradability

No specific data available for this formulation.

12.3 Bioaccumulative Potential

No specific data available for this formulation.

SECTION 13 — DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Waste Treatment: Do not flush wipes down drains or toilets. Dispose of used wipes in trash after use.

Container Disposal: Non-refillable container — do not reuse or refill. Offer empty canister for recycling where available, or discard in trash. Tightly close lid between uses to retain moisture.

Regulatory Compliance: Dispose of in a safe manner in accordance with local, provincial, and federal regulations. Do not contaminate water, food, or feed by storage or disposal.

SECTION 14 — TRANSPORT INFORMATION

Regulation	Classification
TDG (Transport of Dangerous Goods — Canada)	Not regulated for transport
DOT (US Department of Transportation)	Not regulated for transport
IATA (Air)	Not regulated
IMDG (Sea)	Not regulated

SECTION 15 — REGULATORY INFORMATION

15.1 Canadian Federal Regulations

WHMIS 2015 Classification: Eye Irrit. 2B (H320) — Causes eye irritation.

CEPA / DSL Status: All components are listed or exempt from listing on the Domestic Substances List (DSL).

Pest Control Products Act (Canada): This product is an EPA-registered pesticide distributed in Canada. Follow all label directions. It is a violation of applicable law to use this product in a manner inconsistent with its labeling.

15.2 US Federal Regulations

TSCA Status: All components are listed or excluded from listing on the US EPA TSCA inventory.

SARA 313: This product does not contain chemical components in excess of applicable de minimis concentrations under SARA Title III, Section 313 / 40 CFR Part 372.

FIFRA PESTICIDE REGISTRATION INFORMATION

EPA Registration Number: 1839-221 (held by manufacturer — not Chem International)

EPA Est. No.: 10088-WI-2

FIFRA Signal Word: CAUTION

FIFRA Human Health Hazards: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling. Do not use for cleaning or sanitizing human or animal skin.

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets and for workplace labels of non-pesticide chemicals.

California Proposition 65: WARNING: This product can expose you to Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SECTION 16 — OTHER INFORMATION

Prepared By: Chem International Technical Services

Issue Date: 2025

Version: 1.0

Training Advice: Normal use of this product implies use in accordance with label instructions, applicable workplace safety regulations, and all FIFRA pesticide labeling requirements.

NFPA Ratings: Health: 1 — Under emergency conditions, can cause significant irritation. Fire: 0 — Will not burn under typical fire conditions. Reactivity: 0 — Normally stable, even under fire conditions.

DISCLAIMER: To the best of our knowledge, the information contained herein is accurate. No assumption of liability is made for the accuracy or completeness of this information. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with care. Chem International distributes this product but does not hold the EPA pesticide registration — all regulatory compliance obligations relating to the EPA registration remain with the manufacturer. Users assume all risks associated with use of this material. N/A = Not Applicable; N/D = Not Determined.

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