CI Commander SoilGuard — Enzymatic Carpet & Upholstery Pre-Spray — Granular Concentrate

1. IDENTIFICATION

Product name	CI Commander SoilGuard
Product code	CI-CSG
Other name(s)	CI Commander SoilGuard | Enzymatic Carpet Pre-Spray Concentrate
Recommended use	Enzymatic granular carpet and upholstery pre-spray concentrate for professional carpet cleaning; pre-treatment of soiled carpet, rugs, and upholstery prior to hot-water extraction
Restrictions on use	All uses other than those indicated on the product label and technical data sheet
WHMIS classification	Carcinogenicity — Category 2 · Eye Damage/Irritation — Category 2A
TDG classification	Non-Regulated
Distributed by	Chem International (a division of Aliysha Enterprises Ltd.) 10770-180 Street NW, Edmonton, AB T5S 2S4
Phone	1-800-665-7287 | info@chemintonline.com
Website	chemintonline.com
Emergency phone	CANUTEC: 1-613-996-6666

2. HAZARDS IDENTIFICATION

HEALTH	FLAMMABILITY	PHYSICAL HAZARD	SIGNAL WORD
2	0	0	WARNING
Eye irritation; suspected carcinogen	Not flammable	Stable under normal conditions	

Classification of the Mixture

Carcinogenicity	Category 2 — Suspected of causing cancer
Eye Damage/Irritation	Category 2A — Causes serious eye irritation
Signal word	WARNING
Other hazards	Not applicable

Hazard Statements

H351 — Suspected of causing cancer. **H319** — Causes serious eye irritation.

Precautionary Statements

Prevention	Wash hands thoroughly after handling. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing, and eye/face protection.
Response	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: get medical advice. If exposed or concerned: get medical advice.
Storage	Store locked up. Keep out of reach of children.
Disposal	Dispose of contents and container in accordance with local, provincial, national, and international regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Conc. w/w	CAS #	Common Names

Ethoxylated alcohol blend	1 – 5%	68439-46-3	—
Trisodium nitrilotriacetate	15 – 40%	5064-31-3	NTA

All hazardous chemicals as determined by WHMIS 2015 / HPR have been listed. Concentrations shown as ranges reflect batch variation or confidentiality requirements.

4. FIRST-AID MEASURES

Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists, get medical advice.
Skin contact	Wash with soap and water. Remove contaminated clothing. Seek medical advice if irritation develops.
Inhalation	Move to fresh air. Seek medical attention if symptoms persist.
Ingestion	Do not induce vomiting. Rinse mouth with water. Seek immediate medical attention.
Acute symptoms	Causes serious eye irritation. May cause mild skin irritation. May cause respiratory tract irritation if inhaled. May be harmful if swallowed.
Delayed symptoms	Suspected of causing cancer — see Section 2.
Medical attention	Not applicable beyond standard first-aid measures. Show this SDS to medical personnel.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Use media appropriate for surrounding fire.
Hazardous combustion products	May liberate carbon monoxide, carbon dioxide, and oxides of sodium.
Firefighter precautions	As for surrounding fire. Firefighters should wear full protective clothing and self-contained breathing apparatus (SCBA).
Explosion hazards	Not applicable — product is a granular solid.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear appropriate protective equipment — see Section 8. Isolate hazard area and restrict access.
Environmental precautions	Prevent from entering sewers, waterways, or low-lying areas.
Small spills	Soak up with inert absorbent material and scoop into suitable labelled containers.
Large spills	Prevent contamination of waterways. Dike and pump into suitable containers. Clean up residual with absorbent material, place in appropriate container, and flush area with water.

7. HANDLING AND STORAGE

Safe handling	Wash hands thoroughly after handling. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not ingest. Avoid contact with eyes, skin, and clothing.
Storage	Store locked up. Keep out of reach of children. Store in a cool, dry area.
Incompatibilities	Oxidizers and acids.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits — ethoxylated alcohol blend	Not available
Exposure limits — trisodium nitrilotriacetate	Not available
Engineering controls	Provide exhaust ventilation to keep airborne levels below recommended exposure limits.
Respiratory protection	If exposure exceeds occupational exposure limits, use a NIOSH-approved respirator appropriate for the contaminant and concentration.
Eye / face protection	Wear safety glasses with side shields or splash goggles.
Hand / skin protection	Wear chemical-resistant protective gloves and appropriate protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Granular powder
Colour	White
Odour	Not available
pH (1% solution)	9.8
Density / relative density	1.000
Solubility in water	10%
Flash point	Not applicable
Flammability	Not available
UEL / LEL	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Melting / freezing point	Not available
Boiling point / range	Not available
Vapour pressure	Not available
Vapour density	Not available
Kinematic viscosity	Not available
Partition coeff. n-oct/water	Not available
Particle characteristics	Not available

10. STABILITY AND REACTIVITY

Reactivity	This material is considered to be non-reactive under normal use conditions.
Chemical stability	Stable.
Hazardous reactions	Reacts with acids, aluminum, fluorine, lithium, and strong mineral acids.
Conditions to avoid	Not applicable under normal storage and handling conditions.
Incompatible materials	Oxidizers and acids.

Hazardous decomposition	Not available. May liberate carbon monoxide, carbon dioxide, and oxides of sodium upon combustion — see Section 5.

11. TOXICOLOGICAL INFORMATION

Acute Health Effects

Inhalation	May cause respiratory tract irritation.
Ingestion	May be harmful if swallowed.
Eye contact	Causes serious eye irritation.
Skin contact	May cause mild skin irritation.
Skin absorption	Not available

Chronic Health Effects

Carcinogenicity	Suspected of causing cancer — Category 2 (see Section 2).
Mutagenicity	Not available
Reproductive tox.	See Section 2 if applicable.
Sensitization	See Section 2 if applicable.
STOT — single	See Section 2 if applicable.
STOT — repeated	See Section 2 if applicable.
Inhalation (chronic)	Not available
Ingestion (chronic)	Not available
Eye (chronic)	Not available
Skin (chronic)	Not available

Toxicological Data

Ethoxylated alcohol blend	Oral LD50: 1,378 mg/kg (rat)
Trisodium nitrilotriacetate	Oral LD50: 1,450 mg/kg (rat)

12. ECOLOGICAL INFORMATION

Ecotoxicity (aquatic/terrestrial)	Not available
Persistence and degradability	Not available
Bioaccumulative potential	Not available
Mobility in soil	Not available
Other adverse effects	Not available
Ecological data on ingredients	Not available

Prevent release to the environment. Keep away from drains, surface water, and groundwater.

13. DISPOSAL CONSIDERATIONS

Waste disposal	Dispose of all waste in accordance with applicable local, provincial, and federal regulations.

Container disposal	Completely emptied containers may be recycled where facilities permit. Handle contaminated containers in the same manner as the product itself.

14. TRANSPORT INFORMATION

TDG (Canada)	Non-Regulated
US DOT (49 CFR)	Not regulated
IMDG (sea)	Not regulated
ICAO-IATA (air)	Not regulated
UN number	N/A
Packing group	N/A

15. REGULATORY INFORMATION

WHMIS 2015 / HPR	This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR). This SDS contains all information required by the HPR.
WHMIS classification	Carcinogenicity — Category 2 · Eye Damage/Irritation — Category 2A
TDG (Canada)	Non-Regulated
TSCA (US)	All ingredients are listed (ACTIVE) or exempt from the TSCA inventory.
DSL/NDSL (Canada)	All ingredients are listed on or exempt from the Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL).

16. OTHER INFORMATION

Issue date	April 2026
Date of revision	April 2026
Previous version	Ostrem Chemical Co. Ltd. (J810), March 01, 2026
Version	1.0
Supersedes	Ostrem Chemical Co. Ltd. SDS for Enzyme Carpet Prespray Plus (J810), dated March 01, 2026 — reissued under Chem International branding
Prepared by	Chem International | Technical Services

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