

CI Redemption X

— Floor Cleaner and Restorer

1. IDENTIFICATION

Product identifier	CI Redemption X
Product code	CI-RDMX
Other name(s)	CI Redemption X Floor Restorer and Cleaner
Recommended use	Dual-action floor cleaner and polymer restorer for resilient and stone surfaces in commercial and institutional environments
Restrictions on use	All uses other than those indicated on the product label and technical data sheet
Distributed by	Chem International (a division of Aliysha Enterprises Ltd.) 10770-180 Street NW, Edmonton, AB T5S 2S4
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2. HAZARDS IDENTIFICATION

HEALTH	FLAMMABILITY	PHYSICAL HAZARD	SIGNAL WORD
0	1	0	NOT REQUIRED
No significant risk to health	Pre-heat required before ignition	Normally stable under fire cond.	

Classification of the Mixture

This mixture does not meet the criteria for classification under the OSHA Hazard Communication Standard (29 CFR 1910.1200) or WHMIS 2015 / GHS. No GHS hazard pictograms or signal word are required.

Label Elements

Labelling: Not required under GHS/WHMIS 2015. Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

Other Hazards

No other hazards of significance identified.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixture

This product is a mixture. It does not meet the criteria for classification in any GHS hazard class. Ingredient concentrations shown as ranges reflect batch variation or confidentiality requirements. No additional ingredients are present at concentrations classified as hazardous to health or the environment under current knowledge of the formulator.

Chemical Name	CAS No.	Concentration (w/w)	Remarks
2-(Ethoxyethoxy) ethanol	111-90-0	< 5%	SARA 313 listed; present below threshold
beta-Myrcene (fragrance)	123-35-3	< 0.5%	Prop 65 (CA) — cancer; trace fragrance component
D&C; Red No. 19 (colorant)	81-88-9	< 0.1%	Prop 65 (CA) — cancer; cosmetic colorant at trace levels

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Balance of ingredients

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Balance

Water and non-hazardous processing aids

All hazardous chemicals as determined by WHMIS 2015 / GHS have been listed. All ingredients are listed (ACTIVE) or exempt from the Toxic Substances Control Act (TSCA) and the Canadian DSL/NDSL.

4. FIRST-AID MEASURES

General	Do not leave affected person unattended. Remove from danger area. Keep warm, still, and covered. Remove contaminated clothing immediately. If symptoms persist, seek medical advice. In case of unconsciousness, place in recovery position. Never give anything by mouth.
Inhalation	Move to fresh air. If breathing is irregular or stopped, seek immediate medical assistance and begin first aid.
Skin contact	Wash with plenty of soap and water. Remove contaminated clothing and wash before reuse.
Eye contact	Remove contact lenses if present and easy to do. Irrigate with clean, fresh water for at least 10 minutes, holding eyelids apart. If irritation persists, seek medical advice.
Ingestion	Rinse mouth with water (only if person is conscious). Do NOT induce vomiting. Seek medical advice.
Symptoms	No symptoms or effects currently identified as significant for this product under normal use conditions.
Medical attention	No specific treatment required beyond standard first-aid measures.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Water spray, BC-powder, carbon dioxide (CO ₂)
Unsuitable extinguishing media	Direct water jet — may spread burning material
Hazardous combustion products	Nitrogen oxides (NO _x), carbon monoxide (CO), carbon dioxide (CO ₂)
Special hazards	Product is not flammable under normal use conditions (flash point > 93°C / 200°F)
Firefighter advice	Do not breathe fumes in case of fire. Prevent firefighting water from entering drains or watercourses. Collect contaminated water separately. Fight fire with normal precautions from a safe distance.
Protective equipment	Self-contained breathing apparatus (SCBA). Standard certified firefighter protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Remove persons to safety. Non-emergency personnel should stay upwind and away from spill area.
Emergency responders	Wear breathing apparatus if exposed to vapours, dust, or aerosols.
Environmental precautions	Keep away from drains, surface water, and groundwater. Retain contaminated washing water and dispose in accordance with all applicable local, provincial, and federal regulations.
Containment	Cover floor drains. Use adsorbent materials to contain spill.
Clean-up	Wipe up with absorbent material (cloth, fleece, sawdust, sand, or universal binder). Collect spillage and place in suitable labelled containers for disposal.
Further reference	Hazardous combustion products: Section 5 · Personal protective equipment: Section 8 · Disposal: Section 13

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7. HANDLING AND STORAGE

Safe handling	Use local and general ventilation. Use only in well-ventilated areas. Avoid generating aerosols or fine mist in confined spaces.
Hygiene measures	Wash hands after use. Do not eat, drink, or smoke in work areas. Remove contaminated clothing and PPE before entering eating areas. Never store product in food or beverage containers.
Storage conditions	Store in a cool, dry, well-ventilated area. Keep container tightly closed when not in use. Protect from freezing — freezing point 0°C (32°F).
Incompatible materials	Strong oxidizers — keep away from product.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limits	No established OEL/WEL for the complete mixture under current regulatory frameworks.
Engineering controls	General mechanical ventilation is adequate under normal use conditions.
Eye / face protection	Wear safety glasses or splash goggles during handling, mixing, or bulk transfer.
Hand protection	Wear chemical-resistant gloves (nitrile or equivalent). Check impermeability prior to use. Clean gloves before removing; allow to air-dry before reuse.
Skin protection	Preventive barrier cream recommended for extended contact. Allow skin recovery periods during extended use.
Respiratory protection	Not required under normal ventilated use conditions. Wear appropriate respiratory protection if ventilation is inadequate.
Environmental controls	Use appropriate containers to avoid environmental contamination. Keep away from drains and surface water.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Colour	Pink
Odour	Citrus
pH	7.0 – 8.0
Flash point	> 93.3°C (> 200°F) closed cup — not flammable under normal conditions
Boiling point / range	100°C (212°F)
Freezing point	0°C (32°F)
Density	1.002 g/cm ³
Vapour pressure	< 4 kPa at 20°C
Vapour density	< 1 (Air = 1)
VOC content	7.4%
Solubility	Miscible with water
Flammability (liquid)	Not applicable — material must be pre-heated before ignition can occur (HMIS 1)
Explosive properties	Not explosive
Oxidising properties	None
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity	Not determined

10. STABILITY AND REACTIVITY

Reactivity	No known hazardous reactivity.
Chemical stability	Stable under normal ambient storage and handling conditions of temperature and pressure.
Hazardous reactions	None known.

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Conditions to avoid	Freezing. Extreme heat. Do not mix with strong oxidizers.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition	Under normal conditions, no hazardous decomposition products expected. See Section 5 for combustion products.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	Not classified as acutely toxic based on ingredient additivity assessment.
Skin corrosion / irritation	Not classified as corrosive or irritating to skin.
Serious eye damage / irritation	Not classified as causing serious eye damage or irritation.
Respiratory / skin sensitization	Not classified as a respiratory or skin sensitizer.
Germ cell mutagenicity	Not classified as mutagenic.
Carcinogenicity	Not classified as carcinogenic by NTP, IARC, or OSHA. Note: product contains trace levels of beta-Myrcene and D&C; Red No. 19, both listed under California Prop 65 (cancer) — present below threshold levels in this formulation.
Reproductive toxicity	Not classified as a reproductive toxicant.
STOT — single exposure	Not classified.
STOT — repeated exposure	Not classified.
Aspiration hazard	Not classified as presenting an aspiration hazard.
Classification basis	Classification based on ingredient additivity formula (GHS/WHMIS 2015). Complete mixture toxicity data not available.

12. ECOLOGICAL INFORMATION

Aquatic toxicity	Not classified as hazardous to the aquatic environment based on available ingredient data.
Persistence / degradability	Data not available for complete mixture.
Bioaccumulative potential	Data not available. Product does not contain PBT or vPvB substances at $\geq 0.1\%$.
Mobility in soil	Data not available.
Endocrine disrupting props.	Does not contain endocrine disruptors (ED) at concentrations $\geq 0.1\%$.
Other adverse effects	Data not available. Avoid release to the environment.

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13. DISPOSAL CONSIDERATIONS

Product disposal	Do not empty into drains or sewers. Dispose of contents and container in accordance with all applicable local, provincial, and federal regulations. Deliver to an authorized waste treatment facility.
Container disposal	Completely emptied containers may be recycled in accordance with local recycling programs. Handle contaminated containers the same way as the product itself.
General guidance	Avoid release to the environment. Prevent disposal via surface runoff or groundwater infiltration. Waste minimization is preferred — reuse and recycle where feasible.

14. TRANSPORT INFORMATION

TDG (Canada)	Not regulated as dangerous goods under Transportation of Dangerous Goods Regulations (TDG).
US DOT (49 CFR)	Not subject to US DOT transport regulations.
IMDG (sea)	Not subject to IMDG dangerous goods regulations.
ICAO-IATA (air)	Not subject to ICAO-IATA dangerous goods regulations.
Environmental hazards	Not classified as a marine pollutant.
Special precautions for user	Protect from freezing during transport. Keep containers sealed.

15. REGULATORY INFORMATION

WHMIS 2015 (Canada)	This product is not a controlled product under WHMIS 2015.
TSCA (US)	All ingredients are listed (ACTIVE) or exempt from the Toxic Substances Control Act inventory.
DSL/NDSL (Canada)	All ingredients are listed on or exempt from the Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL).
SARA Title III — Section 313	Contains 2-(ethoxyethoxy) ethanol (CAS 111-90-0) — listed on the Toxics Release Inventory. Present below threshold reporting quantities in this formulation.
California Prop 65	Contains trace levels of beta-Myrcene (CAS 123-35-3) and D&C; Red No. 19 (CAS 81-88-9), both listed under Prop 65 for cancer. Concentrations in this product are below levels requiring consumer warnings under California law.
Clean Air Act (US)	None of the ingredients are listed as HAPs under the Clean Air Act.
HMIS III rating	Health: 0 · Flammability: 1 · Physical Hazard: 0 · Chronic: none
NFPA 704	Health: 0 · Flammability: 1 · Instability: 0 · Special: none

16. OTHER INFORMATION

Issue date	April 2026
Revision date	April 2026
Version	1.0
Prepared by	Chem International Technical Services
Supersedes	N/A — Initial issue

Abbreviations and Acronyms

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CAS	Chemical Abstracts Service
GHS	Globally Harmonized System of Classification and Labelling of Chemicals (United Nations)
HMIS	Hazardous Materials Identification System (American Coatings Association)
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
NFPA	National Fire Protection Association
OSHA	Occupational Safety and Health Administration (United States)
PBT	Persistent, Bioaccumulative and Toxic
SARA	Superfund Amendments and Reauthorization Act
STOT	Specific Target Organ Toxicity
TDG	Transportation of Dangerous Goods (Canada)
TSCA	Toxic Substances Control Act (United States)
VOC	Volatile Organic Compounds
WHMIS	Workplace Hazardous Materials Information System (Canada)
vPvB	Very Persistent and Very Bioaccumulative

Disclaimer: To the best of Chem International's knowledge, the information contained herein is accurate as of the issue date. However, Chem International (a division of Aliysha Enterprises Ltd.) assumes no liability for the accuracy or completeness of the information provided. Final determination of suitability is the sole responsibility of the user. All materials should be used with appropriate caution. Although certain hazards are described herein, we cannot guarantee these are the only hazards that exist. This SDS is prepared in accordance with OSHA HCS 29 CFR 1910.1200 and WHMIS 2015 / GHS.