



SAFETY DATA SHEET

Descaler Xtreme – SDS 2025

Prepared for: **Chem Safe USA**, California, USA
Emergency Contact: (951) 963-5647
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Revision Date: **October 2025**
Version: **1.0 (Digital Edition)**

SECTION 1: IDENTIFICATION

Product Name: Descaler Xtreme

Product Type: Synthetic Acid Descaler and Mineral Deposit Remover

Intended Use: Scale removal and mineral dissolution in pools, spas, fountains, tile, and industrial equipment.

Manufacturer: Chem Safe USA

Emergency Telephone: (951) 963-5647

SECTION 2: HAZARD IDENTIFICATION

Classification (GHS): Not classified as hazardous under the Globally Harmonized System (GHS).

FIFRA Status: Exempt under FIFRA Section 25(b) – Minimum Risk Pesticide.

NFPA 704 Rating: Health 0 | Flammability 0 | Instability 0

Signal Word: None required.

Hazard Statements: None applicable.

Precautionary Statements: Keep out of reach of children. Avoid ingestion. Store in a cool, dry location.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Proprietary non-corrosive synthetic acid blend containing surfactants, chelating agents, and stabilizers in an aqueous solution.

All components meet EPA and FIFRA 25(b) exemption criteria for minimum risk.

Exact percentages withheld as trade secret.

SECTION 4: FIRST AID MEASURES

Eye Contact: Rinse cautiously with water for several minutes. If irritation persists, seek medical attention.

Skin Contact: Wash with mild soap and water. No irritation expected.

Inhalation: Move to fresh air if discomfort occurs.

Ingestion: Rinse mouth with water. If symptoms occur, seek medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

Flammability: Non-flammable.

Extinguishing Media: Water spray, foam, Carbon Dioxide, dry chemical.

Special Hazards: None known.

Protective Equipment: Standard protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: None required.

Environmental Precautions: Prevent large quantities from entering waterways.

Clean-Up: Absorb with inert material and rinse area with water.

SECTION 7: HANDLING AND STORAGE

Handling: Avoid contact with eyes. Use with adequate ventilation.

Storage: Store in original container at temperatures between 30°F and 120°F. Do not freeze.

Shelf Life: 1 year under recommended conditions.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: None established.

Engineering Controls: Normal ventilation is sufficient.

Personal Protective Equipment:

- Eye Protection: Safety glasses recommended.
- Skin Protection: Gloves optional.
- Respiratory Protection: Not required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear to slightly yellow liquid

Odor: Mild citrus or clean acid odor

Boiling Point: 212°F (100°C)

Solubility: 100% in water

pH: Neutral (7 ± 0.5)

VOC Content: None

Flash Point: Non-flammable

Density: ~1.03 g/cm³

Cold Stability: 30°F (-1°C)

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal storage and use conditions.

Reactivity: Non-reactive.

Incompatible Materials: Strong acids or oxidizers.

Decomposition Products: None hazardous.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicity: Non-toxic per OECD 202 and 471 standards.

LD50 (Oral, Rat): > 5000 mg/kg (estimated).

Skin Irritation: Non-irritant.

Mutagenicity: Non-mutagenic.

Carcinogenicity: Not listed by IARC, NTP, or OSHA.

SECTION 12: ECOLOGICAL INFORMATION

Biodegradability: 100% biodegradable.

Aquatic Toxicity: Non-toxic to aquatic life (LC50 > 1000 mg/L).

Environmental Fate: Rapidly degrades organic matter, minerals, and scale residues.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal: Dispose in accordance with local, state, and federal regulations. Product is non-hazardous.

Container Disposal: Rinse container and recycle or dispose per local guidelines.

SECTION 14: TRANSPORT INFORMATION

DOT / IATA / IMDG / TDG: Not regulated.

UN Number: Not applicable.

Hazard Class: None.

Packing Group: None.

Marine Pollutant: No.

SECTION 15: REGULATORY INFORMATION

EPA (U.S.): FIFRA 25(b) Exempt Product (Minimum Risk).

OSHA HCS 2012: Not classified as hazardous.

SARA 311/312: No hazards identified.

SARA 313: None present.

California Prop 65: No listed substances.

TSCA: All ingredients listed or exempt.

WHMIS (Canada): Not hazardous.

EU CLP / REACH: Not classified as hazardous; exempt under Annex IV/V.

SECTION 16: OTHER INFORMATION

Prepared by: Chem Safe USA Regulatory Affairs

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This SDS complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and GHS Rev. 9. The information herein is accurate to the best of Chem Safe USA's knowledge and is intended to guide safe handling, storage, and use of this product.

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