



SAFETY DATA SHEET

Enzyme 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: Enzyme Xtreme

Product Type: Concentrated Enzyme and Tile Treatment

Intended Use: Degreasing, organic matter removal, and water treatment for pools, spas, tile, and aquatic environments.

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 enzymatic formulation containing natural enzymes, surfactants, wetting and sequestering agents, corrosion inhibitors, and stabilizers in an aqueous base.

All components are non-hazardous and compliant with EPA FIFRA 25(b) exemption.

Exact percentages are withheld as trade secret.

SECTION 4: FIRST AID MEASURES

Eye Contact: Rinse thoroughly with water for several minutes. Seek medical attention if irritation persists.

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 develop, 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: Use with adequate ventilation. Avoid contact with eyes.

Storage: Store in original sealed container between -18°F and 120°F. Protect from freezing and direct sunlight.

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 under normal use conditions.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear to light amber liquid

Odor: Mild soapy

Boiling Point: 245°F (118°C)

Solubility: 100% in water

pH: Neutral (7 ± 0.5)

VOC Content: None

Flash Point: Non-flammable

Density: ~1.0 g/cm³

Cold Stability: -18°F (-27°C)

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal storage and use conditions.

Reactivity: Non-reactive.

Incompatible Materials: Strong acids and oxidizers.

Decomposition Products: None hazardous.

SECTION 11: TOXICOLOGICAL INFORMATION

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

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

Skin Irritation: Non-irritant (OECD 404).

Mutagenicity: Non-mutagenic (OECD 471).

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

SECTION 12: ECOLOGICAL INFORMATION

Biodegradability: 100% biodegradable.

Aquatic Toxicity: Non-toxic to aquatic life.

Environmental Fate: Degrades hydrocarbons, oils, and organic waste.

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.

NSF Certification: A1, A4, A5, A8, C1, C2, D1.

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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