



SAFETY DATA SHEET

Section 1: Identification

Product Name: Tornador® Enzyme Cleaner
Product Code: TCENZYME
Product Class: Enzyme Spot & Stain Remover
Manufacturer/Supplier: ECP Incorporated
11210 Katherine's Crossing, Suite 100
Woodridge, IL 60517
Telephone: 630-754-4200
Emergency Telephone: CHEMTREC 800-424-9300

Date Prepared: May 2, 2019

Date of Review/Update:

Section 2: Hazard Identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

GHS Hazard Symbols:



GHS Classification: Eye Irritant Category 2B

Signal Word: Warning

Hazard Statements: Causes eye irritation

GHS Hazard Statements:

H320 - Causes eye irritation

GHS Precautionary Statements:

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read label before use.

P264 - Wash hands thoroughly after handling.

P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists: Get medical advice/attention.

Signs and Symptoms of Exposure:

Eye: Irritation including tearing or redness.

Skin: Prolonged skin contact may cause irritation including redness, irritation, itching.

Ingestion: Gastrointestinal irritation, nausea, vomiting, and diarrhea, upset stomach.

Inhalation: Not a likely route of exposure, but if over-inhalation occurs symptoms would include nose, throat, respiratory irritation.

Medical Conditions Aggravated by Exposure: None known.

HMIS Rating: Health- 1 Fire- 0 Reactivity- 0 Personal Protection- C
0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

Section 3: Composition/Information on Ingredients

Chemical Name	CAS Number	% Range	OSHA PEL	ACGIH TLV
None				
Listed as IARC, OSHA, NTP Carcinogen: None				

Section 4: First Aid Measures

Eye Contact: Flush with large amounts of water for 15 minutes. If symptoms develop, seek medical attention.

Skin Contact: Wash affected area with water for 15 minutes. Remove contaminated clothing and launder before reuse.

Ingestion: Never give anything by mouth to an unconscious person. If person is conscious then give several glasses of water. Do not induce vomiting. Keep warm and quiet. Seek medical attention.

Inhalation: Remove from exposure. Seek fresh air. Keep warm and quiet. If symptoms worsen seek medical attention.

Section 5: Fire-Fighting Measures

Fire and Explosive Properties: Flash Point: None / Estimate Flammable Limits: LEL / UEL: Not applicable

Extinguishing Media: Water fog, dry chemicals or carbon dioxide.

Product Code: TCENZYME

SPECIAL FIRE FIGHTING PROCEDURES:

Full protective equipment including self contained breathing apparatus for confined areas.

Section 6: Accidental Release Measures

Steps to be taken if Material is Spilled or Leaked: Ventilate and remove with inert absorbent.

Section 7: Handling and Storage

Precautions to be taken in Handling and Storage:

Never wear soaked clothing. Launder or dry-clean before wearing. Affix proper warning labels on containers in accordance with 29CFR1010.1200.

Section 8: Exposure Controls and Personal Protection

Ventilation: Use only with adequate ventilation. Avoid breathing vapor or mist. Local exhaust preferred.
Respirator Protection: If required, a properly fitted NIOSH/MSHA approved respirator rated for the hazardous ingredients found in SECTION 3.
Skin Protection: Gloves rated for protection against ingredients in SECTION 3.
Eye Protection: Safety glasses with side shields or chemical goggles.

Section 9: Physical and Chemical Properties

Boiling Point:	212°F	Vapor Pressure (mmHg @ 68°F):	Unknown
Vapor Density:	Unknown	Solubility in Water:	Complete
Specific Gravity:	1.00 ± 0.05	Melting Point:	Not Applicable
% Volatile:	96.0 ± 0.5	pH:	Not Applicable
Appearance/Odor:	Orange Thin Liquid, Fresh Odor.		

Section 10: Stability and Reactivity

Stability: Stable
Hazardous Polymerization: Will not occur.
Hazardous Decomposition Products: Various hydrocarbons of incomplete combustion.
Materials to Avoid: Strong oxidizers.
Conditions to Avoid: None.

Section 11: Toxicology Information

No Data

Section 12: Ecological Information

No Data

Section 13: Disposal Considerations

Waste Disposal: Waste from this product is NOT hazardous as defined by the Resource Conservation and Recovery Act (RCRA) 40CFR261.
Disposal of in accordance with federal, state and local regulations.

Section 14: Transport Information

D.O.T. REQUIREMENTS (49CFR 172.101): Not regulated

Section 15: Regulatory Information

RQ (REPORTABLE QUANTITY) 49CFR 172.101: None
TSCA (Toxic Substances Control Act) Status: The intentional ingredients of this product are listed.
CERCLA RQ - 40CFR 302.4: None
SARA 302 COMPONENTS - 40CFR 355 Appendix A: None
SECTION 311/312 HAZARD CLASS - 40CFR 370.2
Immediate (X) Reactive ()
Delayed (X) Sudden Release of Pressure ()
Fire ()
SARA 313 COMPONENTS - 40CFR 372.65: None
WORKPLACE HAZARDOUS INFORMATION SYSTEM (WHMIS)

Ingredient	Max. % By Wt.	LD50	LC50
None			

CALIFORNIA PROPOSITION 65: None

Section 16: Other Information

Although the information contained herein is believed to be reliable, it is furnished without warranty of any kind. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage.