



SAFETY DATA SHEET

Section 1: Identification

Product Name: Technician's Choice TEC387 Orange Crush All Purpose Cleaner Degreaser Concentrate
Product Code: TEC387
Product Class: Solvent / Surfactant Blend
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: June 12, 2006
Date of Review/Update: April 3, 2017

Section 2: Hazard Identification

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

GHS Hazard Symbols:



GHS Classification: Serious Eye Damage Category 1; Skin Corrosion Category 1; Specific Target Organ Toxicity – Repeated Exposure Category 2; Skin Sensitizer Category 1

Signal Word: Danger

GHS Hazard Statements:

H314 Causes severe skin burns and eye damage
H373 May cause damage to respiratory system through prolonged or repeated exposure.
H317 May cause an allergic skin reaction

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.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink, or smoke when using this product
P272 Contaminated work clothing should not be allowed out of the workplace
P280 Wear protective gloves/protective clothing/eye protection/face protection
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P301 + P312 IF SWALLOWED: Call a poison center or doctor if you feel unwell
P330 Rinse mouth
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water
P363 Wash contaminated clothing before reuse
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 Immediately call a poison center or doctor
P405 Store locked up
P501 Dispose of contents in accordance with local regulations

Signs and Symptoms of Exposure:

Eye: Causes serious eye damage
Skin: Causes severe skin irritation. Prolonged skin contact may cause allergic reaction including redness, irritation, itching.
Ingestion: Gastrointestinal irritation, nausea, vomiting, and diarrhea, upset stomach.
Inhalation: Harmful if inhaled. Over-inhalation may cause respiratory irritation
Medical Conditions Aggravated by Exposure: None known.

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

Section 3: Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS Number</u>	<u>% Range</u>	<u>OSHA PEL</u>	<u>ACGHI TLV</u>
D-LIMONENE	5989-27-5	1-5	Not Established	Not Established
POTASSIUM HYDROXIDE	1310-58-3	1-5	2mg/m3	2mg/m3
2-BUTOXYETHANOL	111-76-2	1-5	Skin - 25ppm	Skin - 25ppm
SODIUM EDTA	64-02-8	1-5	Not Established	Not Established
ALCOHOLS, C9-11, ETHOXYLATED	68439-46-3	1-5	Not Established	Not Established

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. If skin burn or allergic reactions develop, seek medical attention.
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: Not Applicable / Estimate	Flammable Limits: LEL / UEL:	No Data
Extinguishing Media:	Water fog, dry chemicals or carbon dioxide.		
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: Contain spill. Neutralize, 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. Discard soaked shoes. 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:	Properly fitted NIOSH/MSHA approved respirator for ingredients found in SECTION 3 if TLV is exceeded.
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:	> 300°F	Vapor Pressure (mmHg @ 68°F):	No data
Vapor Density:	No data	Solubility in Water:	Complete
Specific Gravity:	1.01 ± 0.05	Melting Point:	not applicable
% Volatile:	85.0 ± 0.5	pH:	13.0 ± 0.5
Appearance/Odor:	Orange Liquid, Citrus Odor.		

Section 10: Stability and Reactivity

Stability:	Stable	Materials to Avoid:	Strong oxidizers
Hazardous Polymerization:	Will not occur	Conditions to Avoid:	Sources of ignition, extreme heat
Hazardous Decomposition Products:	Various hydrocarbons of incomplete combustion.		

Section 11: Toxicology Information

IARC, NTP, or OSHA Carcinogen: No known carcinogenic effects towards humans.

Section 12: Ecological Information

No data

Section 13: Disposal Considerations

Waste Disposal: Waste from this product is hazardous (D001) as defined by the Resource Conservation and Recovery Act (RCRA) 40CFR261. Dispose of in accordance with federal, state and local regulations.

Section 14: Transport Information

D.O.T. REQUIREMENTS (49CFR 172.101): None

Section 15: Regulatory Information

RQ (REPORTABLE QUANTITY) 49CFR 172.101

<u>Component</u>	<u>RQ (lb.)</u>	<u>For This Product</u>
POTASSIUM HYDROXIDE	1000	30,000

TSCA (Toxic Substances Control Act) Status: The intentional ingredients of this product are listed.

CERCLA RQ - 40CFR 302.4:

<u>Component</u>	<u>RQ (lb.)</u>	<u>For This Product</u>
POTASSIUM HYDROXIDE	1000	30,000

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:

<u>Component</u>	<u>CAS #</u>	<u>% Range</u>
Glycol Ethers (2-BUTOXYETHANOL)	111-76-2	1-5

WORKPLACE HAZARDOUS INFORMATION SYSTEM (WHMIS)

<u>Ingredient</u>	<u>Max. % By Wt.</u>	<u>LD50</u>	<u>LC50</u>
D-LIMONENE	5989-27-5 1-5	Oral Rat - 4400mg/kg	Not Established
POTASSIUM HYDROXIDE	1310-58-3 1-5	Oral Rat - 273mg/kg	Not Established
2-BUTOXYETHANOL	111-76-2 1-5	Oral Rat - 1400mg/kg	Inhal Rat - 633ppm/1H
SODIUM EDTA	64-02-8 1-5	Oral Rat - 2000mg/kg	Not Established
ALCOHOLS, C9-11, ETHOXYLATED	68439-46-3 1-5	Oral Rat - 200 mg/kg	Not Established

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.