



SAFETY DATA SHEET

Section 1: Identification

Product Name: Technician's Choice TEC481 Pink Heavy Duty Glass Cleaner Concentrate
Product Code: TEC481
Product Class: Glass Cleaner Concentrate
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: January 21, 2002
Date of Review/Update: May 3, 2015

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:

H320 Causes eye irritation
H303 + H313 May be harmful if swallowed or in contact with skin
H373 May cause damage to liver, kidneys or blood prolonged or repeated exposure.
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.
H373 May cause damage to liver, kidneys or blood prolonged or repeated exposure.
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.
P308 + P311 IF exposed or concerned: Call a POISON CENTER/doctor/...
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313 If eye irritation persists: Get medical advice/attention.
S51 Use only in well-ventilated areas.

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

<u>Chemical Name</u>	<u>CAS Number</u>	<u>% Range</u>	<u>OSHA PEL</u>	<u>ACGHI TLV</u>
Ethylene Glycol Monobutyl Ether	111-76-2	1-10	50ppm - skin	20ppm - skin
Ammonium Hydroxide	1336-21-6	1-10	25ppm	35ppm
2-Propanol	67-63-0	1-10	400ppm	400ppm

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 laundry 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: No data Flammable Limits: LEL: Unknown UEL: Unknown
Extinguishing Media: Alcohol-resistant foam, agents approved for class B hazards or water fog, Carbon dioxide, dry chemical
Protective Equipment: Wear full fire fighter gear and respirator. Avoid spreading burning liquid with water used for cooling purposes.

Section 6: Accidental Release Measures

Steps to be taken if Material is Spilled or Leaked:
Ventilate, neutralize and remove with inert absorbent. Do not allow to reach waterways.

Section 7: Handling and Storage

Precautions to be taken in Handling and Storage:
Do not smoke. Never wear soaked clothing. Launder or dry-clean before wearing. Affix proper warning labels on containers in accordance with 29CFR1010.1200. KEEP AWAY SOURCES OF IGNITION OR STRONG OXIDIZERS. Store in a dry, cool, well ventilated area.

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):	No data
Vapor Density:	No data	Solubility in Water:	Completely soluble
Specific Gravity:	0.99 ± 0.05	Melting Point:	Not Applicable
% Volatile:	99.5% ± 0.5%	pH:	10.5 ± 0.5
Appearance/Odor:	Pink Liquid, Ammonia Odor		

Section 10: Stability and Reactivity

Stability: Stable
Materials to Avoid: Metals such as copper, aluminum, magnesium zinc to release hydrogen gas which is explosive. Strong acids.
Conditions to Avoid: Extreme heat.
Hazardous Polymerization: Will not occur
Hazardous Decomposition Products: Aldehydes, carbon dioxide/monoxide, ketones, organic acids.

Section 11: Toxicology Information

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

Section 12: Ecological Information

Not Available

Section 13: Disposal Considerations

Waste Disposal: Dispose 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
<u>SECTION 311/312 HAZARD CLASS - 40CFR 370.2</u>	
Immediate (X)	Reactive ()
Delayed (X)	Sudden Release of Pressure ()
Fire (X)	

Product Code: TEC481

SARA 313 COMPONENTS - 40CFR 372.65

<u>COMPONENT</u>	<u>CAS NUMBER</u>	<u>% Range Max</u>
Glycol Ether (2-Butoxyethanol)	111-76-2	1-10
Ammonium Hydroxide	1336-21-6	1-10
2-Propanol	67-63-7	1-10

WORKPLACE HAZARDOUS INFORMATION SYSTEM (WHMIS)

<u>Ingredient</u>	<u>Max. % By Wt.</u>	<u>LD50</u>	<u>LC50</u>
Ethylene Glycol Monobutyl Ether	111-76-2 1-10	Oral – Mouse 1230mg/kg	Inhal- Mouse 700ppm/7H
Ammonium Hydroxide	1336-21-6 1-10	Oral – Rat 350mg/kg	Not Established
2-Propanol	67-63-0 1-10	Not Established	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.