

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	BLAZE HD	MANUFACTURER:	Pro-Tek Chemical, Inc.
PRODUCT CODES:	BLZ114	ADDRESS:	487 W. First Avenue
PRODUCT USE:	Citrus Cleaner and Degreaser		Glenns Ferry ID 82623
DATE PREPARED:	5-Dec-2014	TOLL-FREE PHONE:	888-776-8351
		LOCAL CALLS:	208-366-2231

24 HOUR EMERGENCY USA/CANADA: **INFOTRAC** 1-800-535-5053
 24 HOUR EMERGENCY INTERNATIONAL: **INFOTRAC** 1-352-323-3500

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Components not listed are either non-hazardous, in concentrations of less than 1% or trade secrets

<u>INGREDIENT:</u>	<u>CAS NO:</u>	<u>% WT:</u>
Glycol Ether EB	111-76-2	15-20%
d-Limonene	94266-47-4	10-15%

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Combustible liquid, skin and eye irritant.

ROUTE(S) OF ENTRY: **INHALATION:** Yes **SKIN:** Yes **INGESTION:** Yes **EYES:** Yes

POTENTIAL HEALTH EFFECTS: **INHALATION:** Irritant **SKIN:** Irritant **INGESTION:** Harmful **EYES:** Irritant

ACUTE HEALTH HAZARDS: Eyes: May cause redness and irritation with prolonged eye contact.
 Ingestion: May be harmful if swallowed. Inhalation: May irritate lungs and throat. Skin: May cause irritation and dryness

CHRONIC HEALTH HAZARDS: Repeated or prolonged exposure to the substance can produce target organs damage.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: May aggravate pre-existing skin conditions.

CARCINOGENICITY **OSHA:** Not Listed **ACGIH:** Not Listed **NTP:** Not listed **IARC:** Not Listed **OTHER:**

SECTION 4: FIRST AID MEASURES

EYES: Flush with water for at least 15 minutes, lifting eyelids. Call physician if irritation persists.

SKIN: Wash with soap and water, see physician if irritation persists.

INHALATION: Remove to fresh air, give oxygen if needed.

INGESTION: Do not induce vomiting. Get medical attention.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: No other instructions needed

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR (% BY VOLUME) **UPPER:** NA **LOWER:** NA

FLASH POINT: 130°F 54°C **METHOD USED:** **AUTOIGNITION TEMPERATURE:** NA C

NFPA HAZARD CLASSIFICATION: **TOXICITY:** 1 **FLAMMABILITY:** 2 **REACTIVITY:** 0 **OTHER:**

HMIS HAZARD CLASSIFICATION: **HEALTH:** 1 **FLAMMABILITY:** 2 **REACTIVITY:** 0 **PROTECTION:**

EXTINGUISHING MEDIA: Use whatever is appropriate to extinguish adjacent fire.

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS: None known

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Contain spill. Remove with inert absorbent material. Wash spill area with water.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:

Store containers upright with lids (caps) tightly closed. Store between 40F(4C) - 100F(37.7C) Keep from freezing.

OTHER PRECAUTIONS: Keep out of the reach of children. Do not get in eyes or on skin.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS:

<u>HAZARDOUS INGREDIENT:</u>	<u>CAS NO:</u>	<u>OSHA-PEL</u>	<u>ACGIH - TLV</u>	<u>TWA</u>
Glycol Ether EB	111-76-2	25ppm	25ppm	
d-Limonene	94266-47-4			165.5 (mg/m3) from AIHA

ENGINEERING CONTROLS:

VENTILATION : LOCAL EXHAUST: Adequate MECHANICAL: OTHER:

RESPIRATORY PROTECTION: None necessary

EYE PROTECTION: Approved Safety Glasses or Goggles SKIN PROTECTION: Rubber or Neoprene Gloves

PROTECTIVE CLOTHING OR EQUIPMENT: Eye wash fountain in work area is recommended.

WORK HYGIENIC PRACTICES: Observe good housekeeping practices.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Orange	ODOR: Citrus	PHYSICAL STATE: Clear Liquid	
BOILING POINT: 220 F 104 C		SOLUBILITY IN WATER: Complete	
MELTING POINT: F C		VAPOR PRESSURE (mmHg):	
FREEZING POINT: F C		VAPOR DENSITY (AIR = 1):	
EVAPORATION RATE: BASIS (Butyl Acetate=1): 1		SPECIFIC GRAVITY (H2O = 1): 1.1	
pH AS SUPPLIED: 9.5-10.5		VISCOSITY:	

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable CONDITIONS TO AVOID: None

INCOMPATIBILITY (MATERIAL TO AVOID): Reactive with oxidizing agents, acids.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon Dioxide, Carbon Monoxide and other organic materials..

HAZARDOUS POLYMERIZATION: Will not occur CONDITIONS TO AVOID (POLYMERIZATION): NA

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

<u>INGREDIENT:</u>	<u>CAS NO:</u>	<u>LD50:</u>
Glycol Ether EB	111-76-2	Oral / rat: 470 mg/kg
d-Limonene	94266-47-4	Oral / rat: 4000 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: The product itself and its products of degradation are not toxic.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: In accordance with Federal, State and local regulations.

RCRA HAZARD CLASS: Not Regulated

SECTION 14: TRANSPORT INFORMATION

DOT: U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Cleaning Compounds Not regulated in accordance with the 49 CFR

IATA - AIR TRANSPORTATION

PROPER SHIPPING NAME: Contains Terpene Hydrocarbons

HAZARD CLASS: 3 ID NUMBER: UN1993 PACKING GROUP: III LABEL STATEMENT: FLAMMABLE

LIMITED QUANTITY: 60 L

IMDG - WATER TRANSPORTATION

PROPER SHIPPING NAME: Contains Terpene Hydrocarbons

HAZARD CLASS: 3 ID NUMBER: UN1993 PACKING GROUP: III LABEL STATEMENT: FLAMMABLE

LIMITED QUANTITY: 5 L STOWAGE LOCATION: A IMDG EmS CODE: F-E, S-E

OTHER AGENCIES: NA

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY AC Not Regulated

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): Not Regulated

311/312 HAZARD CLASS:	CAS NO.	CLASS
Glycol Ether EB	111-76-2	Acute, Chronic, Fire
d-Limonene	94266-47-4	Acute, Fire

313 REPORTABLE INGREDIENTS None

STATE REGULATIONS: Chemical substances are listed the following Right to Know lists:

SUBSTANCE	CAS NO.	STATE(S)
Glycol Ether EB	111-76-2	NJ, PA

WHMIS (CANADA) HAZARD SYMBOL AND CLASSIFICATION:

Class D2A/D2B: Materials Causing Other Toxic Effects



Class B3: Combustible Liquid



INTERNATIONAL REGULATIONS:

All chemical substances in this material are included on or exempted from listing on the following lists: Australia (AICS), Canada (DSL/NDSL), Europe (EINECS/ELINCS), Korea (TCCL), Japan (METI), the Philippines (RA6969).

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

The information and recommendations contained herein are, to the best of Pro-Tek Chemicals's knowledge and belief, accurate and reliable as of the date issued. You can contact Pro-Tek Chemicals to insure that this document is the most current available. The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that the product is suitable for the intended use. If buyer repackages this product, it is the user's responsibility to insure proper health, safety and other necessary information is included with and/or on the container. Appropriate warnings and safe-handling on the container. Appropriate warnings and safe-handling procedures should be provided to handlers and users. Alteration of this document is strictly prohibited. Except to the extent required by law, re-publication or retransmission of this document, in whole or in part, is not permitted.

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