

## MATERIAL SAFETY DATA SHEET

WEXFORD LABS, INC. 325 LEFFINGWELL AVENUE KIRKWOOD, MO 63122	Phone: (314) 966-4134 Toll-Free: (800) 506-1146 Fax: (314) 966-4135										
PRODUCT IDENTIFICATION: PRODUCT NAME: <p style="text-align: center;"><b>WEX-PRO</b>  <b>GLASS CLEANER CONCENTRATE</b></p> <div style="text-align: center; border: 1px solid black; width: 30px; height: 30px; margin: 0 auto; background-color: #00aaff; color: white; display: flex; align-items: center; justify-content: center;"> <span style="font-size: 24px; font-weight: bold;">5</span> </div>	MSDS CODE NUMBER: WP-05 ORIGINAL DATE: 08/06/90 REVISION DATE: 5/1/09 FORMULA: Proprietary										
24 HOUR EMERGENCY RESPONSE NUMBER: CHEMTREC (800) 424-9300 This number may be used for emergency ONLY IDENTIFYING MSDS CODE NUMBER: WP-05 EMERGENCY RESPONSE GUIDE NO: NAERG 1996 128 PROPER SHIPPING NAME: COMPOUND CLEANING, LIQUID HAZARD CLASS: 3 ID#: NA 1993 PACKING GROUP: III TECHNICAL NAME: (CONTAINS ISOPROPANOL) "LTD QTY" EXEMPTION: COMBINATION PACKAGE OF 4 1/2 GALLONS CASES. This number is to be used only in the case of emergencies involving a spill, leak, fire, exposure or accident involving chemicals.											
S.A.R.A. INFORMATION: HAZARDS: Fire: Yes Pressure: No Reactivity: No Acute: No Chronic: No PHYSICAL DATA: Mixture: Yes Pure: No Solids: No Liquids: Yes Gas: No											
<b>SECTION I: HAZARDOUS INGREDIENTS</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 30%;">MATERIAL</th> <th style="width: 20%;">% BY WEIGHT</th> <th style="width: 15%;">CAS #</th> <th style="width: 35%;">OSHA PEL – ACGIH TLV</th> </tr> </thead> <tbody> <tr> <td rowspan="2">2-Propanol Flammable Liquid</td> <td>26.6% by weight</td> <td rowspan="2">67-63-0</td> <td>TWA 400 ppm (980 mg/m<sup>3</sup>)</td> </tr> <tr> <td>32.7% by volume (1225 mg/m<sup>3</sup>)</td> <td>OSHA TLV 400 ppm/ 8 Hr OSHA 1974 PEL 400 ppm/ 8 Hr OSHA STEL 500 ppm/ 15 minutes ACGIH 1981</td> </tr> </tbody> </table>		MATERIAL	% BY WEIGHT	CAS #	OSHA PEL – ACGIH TLV	2-Propanol Flammable Liquid	26.6% by weight	67-63-0	TWA 400 ppm (980 mg/m <sup>3</sup> )	32.7% by volume (1225 mg/m <sup>3</sup> )	OSHA TLV 400 ppm/ 8 Hr OSHA 1974 PEL 400 ppm/ 8 Hr OSHA STEL 500 ppm/ 15 minutes ACGIH 1981
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<b>SECTION II: HEALTH HAZARDS</b> TLV (Threshold Limit Value): See Section I EYES: Direct contact, may cause moderate burning, tearing, redness and blurred vision. SKIN: Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis. INHALATION: Excessive inhalation of concentrated vapors can cause nasal and respiratory irritation, nausea, headache, shortness of breath, dizziness, and drunkenness. INGESTION: May result in minimal toxic effect. May cause irritation, nausea, vomiting, and diarrhea.											
<b>SECTION III: FIRST AID</b> EYES: Flush with clean, low pressure, lukewarm water, lifting upper and lower lids occasionally. Get medical attention SKIN: Flush with lukewarm water, wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before re-use. INHALATION: Remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm, quiet, and get medical attention. INGESTION: DO NOT INDUCE VOMITING. Administer 16 oz of lukewarm water. Obtain medical treatment. Minimal toxicity.											

**KEEP OUT OF REACH OF CHILDREN**

**SECTION IV: SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION: For normal usage of product, no respirator should be required. If TLV of component 2-Propanol is exceeded a NIOSH approved respirator is to be used.  
 VENTILATION REQUIRED: General or local exhaust ventilation to maintain comfort level or exposure below TLV.  
 PROTECTIVE CLOTHING: EYES: To avoid splashing dispense product into water, not water into product. Chemical goggles should be worn is splashing of product is likely.  
 SKIN: Wear rubber gloves when handling concentrate. Avoid contact with skin.  
 ADDITIONAL PROTECTIVE MEASURES: Eye wash station and safety shower should be available.

**SECTION V: FIRE & EXPLOSION HAZARD DATA**

FLASH POINT: 78 Dgr. F. TCC 26 Dgr. C. TCC  
 FLAMMABLE LIMITS: Unknown  
 EXTINGUISHING MEDIA: Alcohol foam or carbon dioxide or dry chemical  
 SPECIAL FIRE FIGHTING PROCEDURES: Normal fire fighting procedures.  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Never use welding or cutting torch on or near drum or container (even empty) because product or product residue contains vapors of Isopropanol and can ignite explosively. Vapors of Isopropanol are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge or other ignition sources at locations distant from material handling point.

**SECTION VI: PHYSICAL DATA**

BOILING POINT: < Water  
 SPECIFIC GRAVITY: .958 POUNDS PER GALLON: 7.99  
 VAPOR PRESSURE (MM HG): 2-Propanol (mm HG at 68 Dgr. F) AP 33  
 VAPOR DENSITY (Air = 1): Heavier than air EVAPORATION RATE: Unknown  
 % VOLATILE BY VOLUME: Approx. 95% SOLUBILITY IN WATER: Complete  
 pH: Concentrate pH 11.4 +/- .3  
 APPEARANCE AND ODOR: Clear blue liquid / slight solvent odor

**SECTION VII: REACTIVITY DATA**

PRODUCT IS STABLE  
 CONDITION TO AVOID: Sparks or open flames and high temperatures.  
 INCOMPATIBILITY: Strong oxidizing agents, Aluminum metals.  
 HAZARDOUS DECOMPOSITION PRODUCTS: Products in fire may form toxic materials such as carbon dioxide and carbon monoxide, etc.  
 HAZARDOUS POLYMERIZATION: Will not occur.

**SECTION VIII: SPILL AND LEAK PROCEDURES**

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Wear protective clothing: Shut off ignition sources.  
 SMALL: Wipe up, absorb liquid onto inert solids, place in marked disposal container.  
 LARGE: Dike & contain, pump into salvage tank. Remaining liquid maybe taken up on sand, clay, earth or floor absorbent and shoveled into containers.  
 Before flushing residue and/or product into local sewer system, check pH of acceptable effluent water in accordance with local water treatment plan.  
 WASTE DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations.

**SECTION IX: D.O.T. SHIPPING INFORMATION**

FREIGHT CLASS: 55  
 PROPER SHIPPING NAME: COMPOUND, CLEANING LIQUID, 3, NA 1993, III, (CONTAINS ISOPROPANOL)  
 HAZARD CLASS: 3 ID#: NA 1993 DOT LABEL: FLAMMABLE (If applicable)  
 "LTD QTY" EXEMPTION NUMBER: 173.150 – Sizes not exceeding 1 gallon in combination packages – maximum ship weight 66 lbs.  
 ORM-D CONSUMER COMMODITY: Cases of 4 1/2 gallons

**SECTION X: ADDITIONAL INFORMATION**

	HEALTH	FLAMMABILITY	REACTIVITY	OTHER
NFPA	1	1	0	FLAMMABLE
HMIS	1	1	0	Goggles & Gloves



STORAGE AND HANDLING: Keep Containers Closed. Store away from sparks and open flames. Do not smoke when handling product. Empty containers may still contain product residue observe all warnings. Keep from freezing. Avoid contact with eyes and skin. Do not take internally. Dispense product into water not water into product. Store in cool, dry place.

**KEEP OUT OF REACH OF CHILDREN**