

**\*\* MATERIAL SAFETY DATA SHEET \*\***

EMERGENCY RESPONSE NUMBER: (800)535-5053  
 PRINT DATE: 06/20/97

**01. PRODUCT INFORMATION**

PRODUCT: **GLASS & HARD SURFACE CLEANER**  
 PRODUCT NUMBER: 299061  
 CHEMICAL NAME AND SYNONYMS: N/A  
 CHEMICAL FAMILY: GENERAL PURPOSE CLEANER  
 FORMULA: MIXTURE  
 MSDS FORM NUMBER: REVISION NUMBER:  
 REVISION DATE: 5/13/97

**02. INGREDIENT INFORMATION**

CHEMICAL NAME	CAS NUM	% WT.	PEL UNIT	TLV UNIT	HAZ SOURCE*
2-Ethoxyethanol	111-76-2	5.0	120 mg/m <sup>3</sup>	121 mg/m <sup>3</sup>	D, E
Ammonia	7664-41-7	1.9	35 mg/m <sup>3</sup>	27 mg/m <sup>3</sup>	D, E

D - REPORTABLE UNDER SARA TITLE III SECTION 313.  
 E - DEFINED AS OSHA AS HAZARDOUS OR TOXIC.

**03. PHYSICAL DATA**

BOILING POINT.....	212	(F)
VAPOR PRESSURE.....	N/A	(mmHg)
VAPOR DENSITY.....	N/A	(AIR = 1)
SOLUBILITY IN WATER.....	SOLUBLE	
SPECIFIC GRAVITY.....	0.990	(WATER = 1)
PERCENT VOLATILE.....	97.0	
EVAPORATION RATE.....	1	(WATER = 1)
PH.....	12.3	
COLOR.....	BLUE	
ODOR.....	AMMONIA	

**04. FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT..... NONE (F) (Method -TCC)  
 FLAMMABLE LIMITS - LEL... N/A  
 FLAMMABLE LIMITS - UEL... N/A  
 EXTINGUISHING MEDIA.... Water, Foam, CO2, Dry Chemical.  
 SPECIAL FIRE FIGHTING PROCEDURES: None Required.  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: None  
 NFPA HAZARD CODES:  
 HEALTH - 2 FIRE - 0 REACTIVITY - 0 SPECIAL HAZARD - 0

**05. HEALTH HAZARD DATA**

PROBABLE ROUTES OF EXPOSURE: Eye/skin contact, inhalation.

EFFECTS OF OVEREXPOSURE, ACUTE AND CHRONIC:  
 Eye contact is extremely irritating. Skin contact may be irritating.  
 Excessive inhalation may cause headaches, dizziness, and/or nausea.  
 Respiratory tract irritation may also occur. Ingestion is harmful.

**EMERGENCY AND FIRST AID PROCEDURES**

EYE CONTACT: Remove contact lenses if worn. Flush eyes with water for 15 MINUTES. Get medical attention.

SKIN CONTACT: Wash with water. If irritation occurs, get medical attention.

INGESTION: Do not induce vomiting. Get immediate medical attention.

INHALATION: Remove to fresh air. Consult a physician.

**06. REACTIVITY DATA**

STABILITY: Stable

INCOMPATIBILITY - CONDITIONS TO AVOID: None

- MATERIALS TO AVOID: Chlorine

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: None known

**07. SPILL OR LEAK PROCEDURES**

RELEASE OR SPILL PROCEDURE: Contain spill. Mop up or absorb onto absorbent material and collect for disposal. Insure adequate ventilation.

WASTE DISPOSAL METHOD: Dispose of in accordance with Local, State, and Federal Regulations.

**08. SPECIAL PROTECTION INFORMATION**

SPECIFIC RESPIRATORY INFORMATION: None required under normal usage.

VENTILATION: Local exhaust. Use this product with adequate ventilation.

PROTECTIVE EQUIPMENT: For repeated contact, neoprene or rubber gloves are recommended. Safety glasses or goggles recommended if splashing is likely.

**09. SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid prolonged or repeated contact with skin. Avoid breathing vapors or mist.

OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. DO NOT REUSE EMPTY CONTAINER. KEEP CONTAINER CLOSED WHEN NOT IN USE.

**10. DOT AND SHIPPING INFORMATION**

NON-HAZARDOUS

**11. COMPANY DISCLAIMER**

**FOR MEDICAL EMERGENCY CALL:**

PURITAN/CHURCHILL CHEMICAL CO. - (404) 875-7331  
 EMERGENCY RESPONSE NUMBER - (800) 535-5053

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APPROVED: JGC

DATE: 06/20/97

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