

ITEM # 68424 NAPCO BERK BLUE GLASS CLEANER EFFECTIVE 08/13/2001
 NO. AMERICAN CORP. OF ILLINOIS (SEE SECTION 10 FOR ADDRESS/PHONE #)

***** SECTION 1 - MATERIAL IDENTIFICATION *****

- 1. CHEMICAL NAME AND SYNONYMS N/E
- 2. TRADE NAME AND SYNONYMS NAPCO BERK BLUE GLASS CLEANER
- 3. CHEMICAL FAMILY AN AQUEOUS SOLUTION OF SOLVENTS AND SURFACTANT.
- 4. FORMULA 31-77-13
- 5. HAZARDOUS RATING SYSTEM VIA HMIS
 HEALTH = 1 FLAMMABILITY = 0 REACTIVITY = 0 PERSONAL PROTECTION = X

***** SECTION 2 - HAZARDOUS INGREDIENTS ****

	TLV
1. INGREDIENT	% (UNITS)
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	<5% 50 PPM
ISOPROPYL ALCOHOL 67-63-0	<5% 400 PPM
ACETONE 67-64-1	<2% 1000 PPM
*AQUA AMMONIA 1336-21-6	<2% 50 PPM
. CARCINOGENS: NONE SUSPECTED.	
. TSCA: ALL COMPONENTS LISTED.	
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* NOTIFICATION OF THESE CHEMICALS IS REQUIRED BY SARA TITLE III SECTION 313. YOU MAY BE REQUIRED TO REPORT THESE CHEMICALS ACCORDINGLY.

***** SECTION 3 - PHYSICAL DATA *****

- 1. BOILING POINT (F) ...196 DEG F
- 2. VAPOR PRESSURE (MM HG)N/E
- 3. VAPOR DENSITY (AIR = 1) ..N/E
- 4. SOLUBILITY IN WATER ..COMPLETE
- 5. APPEARANCE AND ODOR ..BLUE WATERLIKE LIQUID AMMONIA ODOR
- 6. SPEC. GRAVITY (WATER=1)0.995
- 7. % VOLATILE BY VOLUME .<10%
- 8. EVAP. RATE (N-BUTYLACETATE = 1) .. N/E
- 9. FREEZING/MELTING POINT (DEG/F) .. 28
- 10. PH OF SOLUTION10.7
- 11. HEAT OF SOLUTION ...N/E

***** SECTION 4 - FIRE AND EXPLOSION HAZARD *****

- 1. FLASH POINT (METHOD USED)..... NONFLAMMABLE
- 2. FLAMMABLE LIMITS LEL N/A UEL N/A
- 3. EXTINGUISHING MEDIA USE APPROPRIATE EXTINGUISHING MEDIA FOR THE SURROUNDING FIRE.
- 4. SPECIAL FIRE FIGHTING PROCEDURES SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING SHOULD BE WORN WHEN FIGHTING FIRES INVOLVING CHEMICALS.
- 5. UNUSUAL FIRE AND EXPLOSION HAZARDS.... NONE

***** SECTION 5 - SPECIAL PRECAUTIONS ****

- 1. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE .. USE COMMON SENSE AND SOUND INDUSTRIAL HYGIENE.
- 2. OTHER PRECAUTIONS N/E

***** SECTION 6 - HEALTH HAZARD DATA *****

- 1. THRESHOLD LIMIT VALUE N/E
- 2. OVEREXPOSURE EFFECTS/COMMENTS
 MAY IRRITATE EYES, SKIN, MUCOUS MEMBRANES AND RESPIRATORY TRACT. PROLONGED EXPOSURE MAY CAUSE DE FATTING OF THE SKIN. HARMFUL IF SWALLOWED.
- 3. EMERGENCY & FIRST AID PROCEDURES
- 3B. ADDITIONAL DATA EYES: Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids apart. Washing eyes within one minute is essential. Seek immediate medical attention.

