

MATERIAL SAFETY DATA SHEET

HMIS-NFPA HAZARDOUS MATERIALS

(Prepared According to 29 CFR 1910,1200)

IDENTIFICATION SYSTEM

A = Safety Glasses

F = C + Dust Mask

4 = Extreme

Health.... 2

B = A + Gloves

G = B + Respirator

3 = High

Flammability.... 3

C = B + Apron

H = F + Goggles

2 = Moderate

Reactivity.... 0

D = C + Face Shield

I = B + Respirator

1 = Slight

Protection.... B

E = B + Dust Mask

X = Ask Supervisor

0 = Insignificant

SECTION I - PRODUCT IDENTIFICATION

Product Code: 656

Supersedes date: December 8, 2003

Section(s) changed: I, II, VI

Effective date: August 31, 2004

PRODUCT NAME: CLEAR BLUE CONCENTRATE

CHEMICAL FAMILY: General Purpose Detergent

GENERIC NAME: Glass Cleaner Concentrate

FORMULA: Proprietary Mixture

DISTRIBUTORS NAME:

DISTRIBUTORS ADDRESS:

INFORMATION PHONE NUMBER: 314-771-6600

EMERGENCY PHONE NUMBER IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE OR ACCIDENT: CHEMTREC 800-424-9300

PROPER SHIPPING DESCRIPTION: Cleaning Compound, Not Regulated

LABEL: None

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	Wt%	OSHA PEL	ACGIH TLV	RQ
Isopropanol	67-63-0	<30	400 ppm	400 ppm	
2-Butoxyethanol	111-76-2	<10	50 ppm	25 ppm	

The information & recommendations set forth herein are presented in good faith & believed to be current & reliable. The manufacturer makes no representation as to the completeness or accuracy thereof & supplies information upon the condition that the persons receiving same will make their own determination as to its suitability for their purpose prior to use. In no event will the manufacturer be responsible for any damage of any nature whatsoever resulting from the use of or reliance upon this information. No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which it refers.

SECTION III - PHYSICAL/CHEMICAL DATA

Boiling Point (°F): 180
Vapor Pressure (mm Hg): 100
Vapor Density (Air=1): 3
Evaporation Rate: (Water=1): GT 1.00
Solubility in Water: Complete
Physical Description: Clear Blue Thin Liquid
Pleasant Odor

Specific Gravity: 0.900
Lbs/Gal Density: 7.5
pH Concentrate: 12
pH Use Dilution: 9

SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (Method Used): 80 °F LIMITS: LEL: 2.1 UEL: NA
EXTINGUISHING MEDIA: Water spray or fog, foam, dry chemical, carbon dioxide if product is involved.
SPECIAL FIRE FIGHTING PROCEDURES: Avoid exposure to fumes or vapors. Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH Approved or equivalent to maintain TLV.
UNUSUAL FIRE & EXPLOSION HAZARD: Flammable. Keep away from heat, sparks and open flame. Use water spray to cool adjacent fire exposed containers.

SECTION V - REACTIVITY DATA

Stability: Stable; Store below 115° F.
Hazardous Polymerization: Will not occur.
Incompatibility (Materials to Avoid): Strong oxidizing agents, Bleach.
Hazardous Decomposition Products: If burned, normal combustion products:
Carbon Dioxide, Carbon Monoxide; Nitrous Oxides.

SECTION VI - STORAGE & HANDLING INFORMATION

KEEP OUT OF REACH OF CHILDREN. DANGER.
Store upright in original closed container.
Other Precautions: Do not get in eyes, on skin or on clothing. Do not use or store near heat, sparks or open flames.

SECTION VII - HEALTH HAZARDS AND FIRST AID

Carcinogenicity:	NTP?	IARC Monographs?	OSHA REGULATED?
NE	NE	NE	YES
EFFECTS OF OVEREXPOSURE:	EMERGENCY FIRST AID PROCEDURES:		
SKIN: Irritation or burns	SKIN: Wash with soap & water for 15 minutes. See physician if irritation persists.		
EYES: Irritation or burns	EYES: Flush with flowing water for 15 minutes & see physician.		
INHALATION: Irritation or dizziness	INHALATION: Remove to fresh air. If breathing has stopped, apply suitable artificial respiration. Get medical help.		
INGESTION: Dizziness, nausea	INGESTION: Give milk or water to dilute material; DO NOT induce vomiting. Avoid alcohol. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.		

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Normal room ventilation.
VENTILATION: Local exhaust preferred. Mechanical (general) at point of mist acceptable. Avoid breathing vapor or spray.
PROTECTIVE GLOVES: Solvent proof.
EYE PROTECTION: Safety glasses.
OTHER PROTECTIVE EQUIPMENT: N/A.

SECTION IX - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Isolate from sources of ignition. Mop up & flush to sewer with plenty of water. Floors may be slippery. Use care to avoid falls.

WASTE DISPOSAL METHOD: Dispose of in accordance with applicable Federal, State & Local regulations.

SECTION X - ADDITIONAL FEDERAL REGULATIONS

SARA TITLE III (EPCRA) NOTIFICATION: ISOPROPYL ALCOHOL [Reportable under section 313 and section 6607 of the Pollution Prevention Act], GLYCOL ETHERS
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA): GLYCOL ETHERS
For more information, consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68.

NE - Not Established NA - Not Applicable GT - Greater Than

Manufactured by: Intercon Chemical Company 1100 Central Industrial Drive, St. Louis, MO 63110