MSDS PREPARED BY AND PRODUCT MANUFACTURED BY THE BULLEN COMPANIES 1640 DELMAR DRIVE, FOLCROFT, PA. 19032 • EMERGENCY PHONE 215/724-8100

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

SECTION 1 - PRODUCT IDENTIFICATION						
Trade Name BLUE VISION GLASS & HARD SURFACE CLEANER				Product Type Glass Cleaner		
SECTION 2 - HAZARDOUS INGREDIENTS						
CHEMICAL	NAME/COMM)N NAME	CAS NO.	PERCENT(optional)	TLV(Source)	
Isopropyl Alcohol			67-63-0		400 ppm TWA(OSHA); 400 ppm (ACGIH)	
2-Butoxyethanol*			111-76-2	1-5	50 ppm(skin)TWA (OSHA);20 ppm(skin)(ACGIH)	
Nonylphenolpolyethoxyethanol			9016-45-9		Not Established	
SARA HAZARD TITLE III, SECTION 313-CONTAINS THE STARRED INGREDIENT(S) AT THE INDICATED						
Other ingredients in this product are : X Less than 1% by weight or less than 0.1% for carcinogens X Not hazardous X Declared to be Trade Secret						
SECTION 3 - PHYSICAL DATA						
Boiling point(°F.)	Near 212	Specific Gravity(H2O=1.0)	(± 0.005) 0.99	90 pH	(± 0.5) 7.0	
Vapor Pressure(mm Hg)		Unknown	Vapor Density(Ai	r=1)	Unknown	
Solubility in water	X Complete	Insoluble	Emulsifiable (or D	lispersible)	Slight (or Partial)	
Evaporation Rate(vs. H2O)		x Faster	Slower	Abou	t the Same	
Appearance and Odor Thin Blue Liquid, Slight Alcohol Odor						
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA						
Flash Point(T.C.C.) °F. X None to Boiling Flammable Limits Upper Unknown Lower Unknown						
Extinguishing Media CO2, dry chemical, foam, water spray.						
Special Firefighting Procedures Do not enter confined fire-spaces without protective clothing and self-contained air supply.						
Unusual Fire and Explosion Hazards None known.						
SECTION 5 - REACTIVITY DATA						
Stability Stable Incompatibility Strong oxidizers						
Hazardous Decomposition Products Carbon monoxide and other unidentified organic gases may occur during incomplete combustion.						
SECTION 6 - HEALTH HAZARDS						
Primary Routes of Exposure	e X	Eye 🗌 Skin	Oral	🗌 In	halation Other	
Signs and Symptoms Prolonged or repeated contact of concentrated product with eyes will cause irritation and reddening. May cause skin irritation with certain individuals. Ingestion of this product may cause exposed person to vomit and may result in some diarrhea.						
and Symptoms this product may cause exposed person to vomit and may result in some diarrhea. of Overexposure						
(Acute)						
Signs and Symptoms of Ove	erexposure(Chr	onic) None known				
Medical Conditions Aggravated by Overexposure None known Carcinogen/Suspect Carcinogen Ingredients NTP OSHA IARC X NONE						
SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES						
Eyes Flush immediately with water for at least 15 minutes. If persistent irritation occurs, call a physician.						
Skin Not applicable						
- Het applicable	ntities of milk or v	water Call a nhysician				
Ingestion Drink large quantities of milk or water. Call a physician. Inhalation Not applicable						
SECTION 8 - SPECIAL PROTECTION INFORMATION						
Respiratory Protection Not needed under normal conditions of use.						
Ventilation Requirements		Exhaust Mechanical	Other			
Protective Gloves Not required. Eye Protection Safety glasses/goggles Other Protective Clothing Not required for normal use						
SECTION 9 - SPILL OR LEAK PROCEDURES						
SECTION 9 - SFILL OF LEAR PROCEDURES Steps to be Taken Dilute with much water and flush to drain.						
if Released or Spilled						
Waste Disposal Methods Dispose of in accordance with applicable Federal, State and Local ordinances.						
SECTION 10 - STORAGE AND HANDLING INFORMATION						
Precautions to be Taken Do not get in eyes. in Handling and Storage						
The health hazards given or	this Material	Safety Nata Sheet annly to this r	unduct in its conce	ntrated form(as sunnli	ed) and may differ significantly at use dilution.	

The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the product, if diluted, under conditions of ordinary use. BVG DATE PREPARED October 23, 2003