

Material Safety Data Sheet

Prepared in Accordance with 29 CFR 1910.1200

Prepared by CRushton on 5/19/2003.

Section 1 - Product and Company Identification

Product Name	Visions	Chemical Family	Not available.	NPCA Hazardous Material Identification System
Generic Description	Glass and Surface Cleaner	Formula	N/A	Health 1
Supplier	Clinch 417 Burlington Holdrege, NE 68949	Phone:	Clinch 308-995-4800	Flammability 0
		Emergency phone:	# 18006521974	Reactivity 0
				Personal Protection A

Section 2-Ingredients:

Ingredient Name	CAS #	% by Weight	TLV/PEL	Carcinogenic Effects
1) 2-Butoxyethanol	111-76-2	0-1	TWA: 20 (ppm) from ACGIH (TLV) [United States] TWA: 50 (ppm) from OSHA (PEL) [United States]	Not available.
2) Ammonium Hydroxide	1336-21-6	<1	TWA: 50 (ppm) TWA: 50 (ppm) from OSHA (PEL) [United States] STEL: 35 (ppm)	Not available.

Section 3 -Physical and Chemical Properties

Boiling point	209 F Initial	Specific Gravity	0.96 (Water = 1)
Vapor Pressure	25mm Hg@ 68 F	Vapor density:	>1 (Air = 1)
Volatility	>99%	pH	10.5 to 11.5 (Basic)
Solubility	Easily soluble in cold water.	Evaporation Rate	>1 compared to Water
Physical State and Appearance	Odor		

Liquid. Blue. (Dark.) Characteristic (Strong)

Section 5 - Reactivity Data

Stability	The product is stable.
Incompatibility	oxidizing agents
Hazardous Decomposition Products	Not available.
Hazardous Polymerization	Will not occur.

Section 4 - Fire/Explosion Hazards

Flash points (closed cup)	Not applicable.	Explosion Limits
Extinguishing media	Non-flammable substance.	Not available.
Fire-Fighting Measures	Wear full protective clothing Use extinguishing media indicated.	
Explosion Hazards	No explosion hazard is known or suspected regarding the product mix. Storage in this container is not recommended.	

Section 6 - Storage

Precautions to be taken in handling and storage

Avoid breathing vapors or spray mists. Avoid contact with skin and eyes

Keep locked up and out of the reach of children. Keep container tightly closed. Not for use or storage in or around the home.

Section 7 -Health Hazards/ FIRST AID

Chronic Effects:	Over-exposure by inhalation may cause respiratory irritation.	FIRST AID MEASURES
ROUTES OF ENTRY		Flush with large quantities of water. Seek Medical attention if irritation persists.
Skin	Skin irritant. May cause moderate redness and swelling.	Flush with large quantities of water. Seek medical attention if irritation persists.
Eyes	Eye irritant. Liquid and mist may damage the eyes causing corneal injury.	Get to fresh air. Seek medical attention if irritation persists.
Inhalation	Vapors may be irritating to mucous membranes of the nose, throat, and lungs.	Drink two glasses of water and induce vomiting. Seek medical attention immediately.
Ingestion	May cause headache, dizziness, nausea, vomiting, and diarrhea. Harmful if swallowed.	
Medical Conditions aggravated by Exposure	Repeated or prolonged exposure is not known to aggravate medical condition.	

Section 8 - Personal Protection

Protective Clothing		Ventilation
Eye/Face Protection	Safety glasses.	Good general ventilation should be sufficient to control airborne levels.
Hand/Arm Protection	Gloves (impermeable).	
Respiratory Protection	A respirator is not needed under normal and intended conditions of product use.	
Other Special Considerations	Not applicable.	

Section 9 -Large Spill and Leak

Methods for cleaning up Spill	Methods of disposal
Absorb with an inert material and put the spilled material in an appropriate waste disposal.	Any method in accordance with applicable laws.

SARA 313

SARA 313 toxic chemical notification and release reporting: 2-Butoxyethanol

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