

# MATERIAL SAFETY DATA SHEET

## Section I - Identification

Product Name:

**Windo Shine Glass Cleaner**

Telephone Number:

(763) 585-1086

Manufactured For:

**TwinSource**

Date Prepared:

3/13/2013

City

Brooklyn Park

State:

MN

Zip

55430

## Section II - Hazardous Component Information

Specify Chemical Identity, Common Name(s)	CAS#*S	OSHA PEL	TLV	ACGIH	OTHER
				LIMITS	%(OPTIONAL)
IPA	67-51-1	200 ppm	200 ppm	N/E	<10
AMMONIA	1336-21-6	50 ppm	25 ppm	N/E	<1
2-Butoxyethanol	111-76-2	50ppm	20ppm	N/E	<1

## Section III - Physical/Chemical Characteristics

Boiling Point	212F	Specific Gravity (water=1)	0.964
Vapor Pressure (mm hg)	N/A	Melting Point	n/a
Vapor Density (AIR=1)	>1	Evaporation Rate	>1
		(BUTYL ACETATE=1)	
Solubility in Water	Soluble		
Appearance and Odor	Blue liquid/Ammonia		

## Section IV - Fire and Explosion Hazard Data

Flash Point	N/A	Method Used Closed Cup	Flammable Limits	LEL	UEL
			NONE	N/A	N/A
Extinguishing Media:	Water fog, Dry chemical, Carbon Dioxide				
Special Fire Fighting Procedures:	Not normally combustible, but if dehydrated, the residual materials is a combustible organic substance.				

## Section V - Reactivity Data

Stability	Unstable	Stable	X	Reactivity=0
Incompatibility (Material to Avoid):	Strong Oxidizing Agents			Flammability=1
Hazardous Decomposition or Byproducts:	Carbon Monoxide and/or Carbon Dioxide			
Hazardous Polymerization:	Will not occur			
Conditions to Avoid:	Extreme Heat or Cold			

## Section VI - Health Hazard Data

Routes of Entry	Inhalation	X	Skin	X	Ingestion	X	Health=2
Health Hazards (Acute and Chronic): No Chronic Effects Known or Expected							
Carcinogenicity	NTP		I.A.R.C. monographs:		OSHA REGULATED:		
Not Listed	Not Listed		Not Listed		Not Listed		
Signs and Symptoms of exposure:		Mild skin irritation, Moderate eye irritation					
Medical Conditions Generally Aggravated by exposure:		None Known					
Emergency and First aid procedures: In case of eye contact, flush eye with water for 15 minutes. If irritation persists, obtain medical aid. For skin contact, wash with soap and water, remove contaminated clothing. If swallowed, do not induce vomiting. Drink two glasses of water and call a physician immediately for discomfort from excessive breathing of vapors. remove person to fresh air.							

## Section VII - Precaution for Safe Handling and Use

Step to be taken in case material is Released or Spilled:	Contain the spill, Return to container for disposal. Rinse spill area with water.		
Waste Disposal Methods:	Approved landfill in accordance with all local, state and federal regulations.		
Precautions to be taken in Handling and Storing:	Normal care in handling. Do not store above 90c. Keep from freezing.		
Other precautions:	Keep out of reach of Children.		

## Section VIII - Control Measures

Respiratory Protection (Specify type):		Normally not required
Ventilation:	Local Exhaust	Mechanical (General)
Protective Gloves: Rubber	Eye Protection: Chemical Goggles	
Other Protection clothing or equipment: None		
Work/Hygiene Practices: Use good work practices.		

We believe that the information contained herein is current as of the date of the material safety data sheet. Although it is possible that the mixture it self has not been tested as to what hazards may be present. OSHA section 1910. 1200 has been applied. This states that if one or more hazardous components are a level of 1.0% (or greater), then the mixture is presumed to have all the health hazards of the components. Since the use of the products is not within the our control is the user's obligation to determine the condition of safe use of the products.

Note: The formula contains a combination of ingredients other than the hazardous materials used.