

# MATERIAL SAFETY DATA SHEET

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**NAME OF PREPARER:** D.S. Phillips  
**CREATED** 11/1/02 **UPDATED** 1/29/03

I. GENERAL				
<b>TRADE NAME:</b>	Super Vision Aerosol Glass Cleaner	<b>EMERGENCY TELEPHONE NUMBER</b>		
<b>OTHER NAMES:</b>		1-(800) 255-3924		
<b>CHEMICAL FAMILY:</b>	Alcohol Surfactant Blend	<b>DOT Hazardous Materials Proper Shipping Name</b>		
<b>GENERIC NAME:</b>	Glass Cleaner	<b>UN/NA ID No.:</b>	ORM-D	
		<b>DOT Hazard Class</b>	N/A	
II. HAZARDOUS COMPONENTS				
(this may not be a complete list of components)				
<b>Component Name</b>	<b>CAS #</b>	<b>Exposure Limits in Air</b>		
		<b>TLV (ACGIH)</b>	<b>STEL</b>	<b>PEL (OSHA)</b>
Isopropyl Alcohol	(67-63-0)	400 ppm	500 ppm	400 ppm
* 2-Butoxyethanol	(111-76-2)	20 ppm		25 ppm
Liquefied petroleum gas mixture	see below			
Propane	(74-98-6)	2500 ppm	1000 ppm	
n-Butane	(106-97-8)	800 ppm		
* This chemical is subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372.				
<b>#Listed by:</b>	1=IARC 2=EPA 3=GISO 4=CAL/OSHA	Compositions are typical values, not specifications.		
III. SUMMARY OF HAZARDS				
<b>ACUTE HEALTH-</b>	May cause eye, nose, respiratory track and skin irritation. Headache, dizziness, drowsiness and nausea are also symptoms of overexposure. High concentrations may cause narcosis.			
<b>CHRONIC HEALTH-</b>	Long term exposure may lead to dermatitis.			
<b>NFPA Rating:</b>	Health: <input type="text" value="1"/>	Fire: <input type="text" value="2"/>	Reactivity: <input type="text" value="0"/>	
	(4=Extreme, 3=High, 2=Moderate, 1=Slight, 0=Insignificant)			
FIRE AND EXPLOSION				
<b>Flash Point</b>	< OF (Propellant) > 53F (Concentrate)	<b>Autoignition Temperature</b>	<b>Flammable Limits (%Volume in air)</b>	
	N/A		Lower-	1.90%
			Upper-	9.50%
<b>UNUSUAL FIRE AND EXPLOSION HAZARD</b>	At elevated temperatures containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.			
<b>EXTINGUISHING MEDIA</b>	Foam	<input checked="" type="checkbox"/>	Water Spray	<input checked="" type="checkbox"/>
	CO2	<input checked="" type="checkbox"/>	Dry Chemical	<input checked="" type="checkbox"/>
<b>SPECIAL FIREFIGHTING PROCEDURES</b>	Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH approved positive pressure self-contained breathing apparatus and full protection clothing.			
V. HEALTH HAZARDS				
<b>INHALATION</b>	Irritating to eyes, nose and respiratory tract. Can Cause dizziness, headaches and incoordination.			
<b>EYE CONTACT</b>	May cause eye irritation.			
<b>SKIN ABSORPTION</b>	Prolonged or repeated contact may cause skin irritation.			
<b>SKIN IRRITATION</b>	Prolonged or repeated contact may cause skin irritation.			
<b>INGESTION</b>	Irritating to mouth, throat and stomach. May cause dizziness, faintness, headaches and incoordination.			
<b>SUMMARY OF CHRONIC HAZARDS AND SPECIAL HEALTH EFFECTS</b>	May aggravate pre-existing skin conditions. Nervous system. Lungs and/or respiratory system.			
VI. PROTECTIVE EQUIPMENT AND OTHER CONTROL MEASURES				
<b>RESPIRATORY</b>	Not usually necessary. Use with adequate ventilation. Use NIOSH/MSHA respirator if PELs or TLVs are exceeded.			
<b>EYE</b>	Slash proof safety goggles should be used. Contact lenses should not be worn while working with chemicals.			
<b>SKIN</b>	Prolonged or frequently repeated skin contact can best be avoided by wearing impervious rubber or neoprene gloves.			
<b>ENGINEERING CONTROLS</b>	Use adequate ventilation to keep the vapor or mist concentrations below 400 ppm. Explosion proof equipment should be used.			
<b>OTHER HYGIENIC AND WORK PRACTICES</b>	Eye bath and safety showers should be available to employees			

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*Super Vision Aerosol Glass Cleaner*

<b>VII EMERGENCY AND FIRST AID</b>			
INHALATION	Move exposed person to fresh air. Keep warm and at rest. If breathing stops give artificial respiration. If unconscious, give oxygen. Get medical attention as soon as possible.		
EYE CONTACT	Wash eyes with large amounts of water for 15 min., lifting upper and lower lids occasionally. If irritation persists after washing, get medical attention.		
SKIN CONTACT	Wash all contaminated skin promptly with soap or mild detergent. Remove contaminated clothing and dry before reuse. If irritation persists, get medical attention.		
INGESTION	Get medical attention immediately. Do not induce vomiting unless directed by medical personnel. throat. Send to hospital immediately. Note: Never give anything by mouth to an unconscious person.		
SUSPECTED CANCER AGENT	No regulated ingredients.		
AGGRAVATED CONDITIONS	Pre-existing skin disorders and respiratory disease.		
<b>VIII SPILL AND DISPOSAL</b>			
PRECAUTIONS IF MATERIAL IS SPILLED OR RELEASED	Remove all possible ignition sources. Ventilate area of spill or leak. For small quantities, absorb on paper towels, evaporate in a safe place (such as a fume hood). Burn paper in a suitable location away from combustible materials. Large quantities can be collected and atomized in a suitable combustion chamber. Product should not be allowed to enter sewer due to explosion hazard.		
WASTE DISPOSAL METHODS	Empty containers can have residues, gases and mists are subject to proper waste disposal. Dispose of all wastes in accordance with federal, state and local regulations.		
<b>X PHYSICAL AND CHEMICAL DATA</b>			
Boiling Point	n/a	Viscosity Units, Temp. (Method)	Percent VOC N/A
Freezing Point	N/A	Vapor Pressure (mmHg @20°C) 153 @ 130F/ 68 @ 70F	Evaporation rate (Butyl acetate = 1) N. D.
Specific Gravity (H2O=1)	0...9554	Vapor Density (Air=1 @ 100°F) ND	Stable Unstable X
Solubility in Water (g/100g water @20°C)	Complete	pH -concentrate 10..15 pH -dilute	Hazardous Polymerization Will not occur
Other Physical and Chemical Properties			Chemical Reactivity Stable
Appearance and Odor	Aerosol spray with characteristic odor.		
Materials to Avoid	Strong oxidizers.		
Conditions to Avoid	Extreme heat or direct sunlight.		
Hazardous Decomposition Products	Normal oxidation forms carbon dioxide and water vapor. Incomplete oxidation can produce carbon monoxide.		
<b>XI ADDITIONAL PRECAUTIONS</b>			
HANDLING, STORAGE AND DECONTAMINATION PROCEDURES	Store in cool area away from direct sunlight.		
GENERAL COMMENTS			
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