



HILLSBORO ELEMENTARY SCHOOLS

 215 E.E. 5th Ave.
HILLSBORO, OR 97123

MATERIAL SAFETY DATA SHEET. CM 0168

Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910, 1200, Standard must be
consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072 NJ/PA/US

IDENTITY (As Used on Label and List)

BLUE WINDOW CLEANER

#90-066

Note: Blank spaces not permitted. If any item is not applicable,
or no information is available, the space must be marked to
indicate that.

Section I

103K

WORLD WIDE SUPPLY
6940 N. E. SANDY BLVD.
PORTLAND, OREGON 97213

IP Code)

Emergency Telephone Number

800-843-6174

Telephone Number for Information

(414) 538-1122

Date Prepared

November, 1991

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

N.A. = Not Applicable N.E. = Not Established

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Water	CAS #7732-18-5	N.E.	N.E.	N.A.
2-butoxyethanol	CAS # 111-76-2	25ppm	25ppm	N.A.
Isopropanol	CAS # 67-63-0	400ppm	400ppm	500ppm(stel)
Ammonium Hydroxide	CAS #1336-21-6	N.E.	N.E.	N.E.
anionic Surfactants	CAS #9036-19-5	N.A.	N.A.	N.E.

This mixture contains 4% of 2-butoxyethanol which is subject to the reporting requirements of
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR
Part 372.

Section III - Physical/Chemical Characteristics

Boiling Point	approximately	212°F	Specific Gravity (H ₂ O = 1)	0.992
Vapor Pressure (mm Hg.)		<30	Melting Point	N.A.
Vapor Density (AIR = 1)		<1.1	Evaporation Rate (Butyl Acetate = 1)	<0.4
Solubility in Water				
Completely Miscible		pH 9.5		
Appearance and Odor				
Blue Liquid - Faint Alcohol Odor				

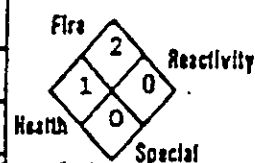
Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	N.E.	UEL	N.E.
136°F (C.C.)	Combustible Liquid				

Extinguishing Media
media proper to the primary cause of fire

Special Fire Fighting Procedures
Use self-contained breathing apparatus and protective clothing

Special Fire and Explosion Hazards



HAZARD RATING
4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant

DOT HAZARD CLASSIFICATION: Non-Hazardous (Exception 173.150f and 173.118a)

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid N.A.
	Stable	X	Avoid heat, open flame, sparks

Compatibility (Materials to Avoid)
Strong Oxidizers

Hazardous Decomposition or Byproducts
N.A.

Hazardous Polymerization	May Occur		Conditions to Avoid N.A.
	Will Not Occur	X	N.A.

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	X	X	X

Health Hazards (Acute and Chronic)
EYES: May cause irritation

SKIN: May cause mild irritation and may be absorbed through skin with prolonged exposure

INGESTION: May cause nausea, diarrhea, gastrointestinal irritation

Signs and Symptoms of Exposure
See Health Hazards

Carcinogenicity:	NTP? N.A.	IARC Monographs? N.A.	OSHA Regulated? N.A.
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Medical Conditions
Generally Aggravated By Exposure None Known

Emergency and First Aid Procedures

EYES: Flush with large amounts of water for 15 minutes, holding eyelids open

SKIN: Wash with mild soap and warm water

INGESTION: INDUCE vomiting if conscious. SEEK IMMEDIATE MEDICAL ATTENTION

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Collect and reuse if possible. Contain spill with inert absorbent (earth, clay, etc.) Flush spill area with water

Waste Disposal Method

Dispose of in a manner approved by all federal, state and local regulations.

Prevent runoff to surface waters.

Precautions to Be Taken in Handling and Storing

Avoid sparks and open flame. Emptied container retains vapor and product residue

Do not cut, puncture or weld on or near this container.

Other Precautions

Normal good housekeeping practices to prevent splashes and spills.

Keep out of the reach of children

Section VIII - Control Measures

Respiratory Protection (Specify Type)

None required with adequate room ventilation

Ventilation	Local Exhaust	N.A.	Special	N.A.
	Mechanical (General)	If inadequate room ventilation	Other	N.A.
Protective Gloves		Avoid skin contact		
Other Protective Clothing or Equipment		needed to prevent wetting of clothing		
Hygienic Practices		Wash thoroughly after handling		