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# MATERIAL SAFETY DATA SHEET

Complies with OSHA's 29 CFR  
1910.1200 and State Hazard  
Communication Standards.

ROCHESTER MIDLAND  
P.O. BOX 1515  
ROCHESTER, NY 14603-1515  
(716) 336-2200

Medical Emergency Telephone (716) 266-2283

## SECTION 1

PRODUCT IDENTITY: WIND-O-SHINE, Glass Cleaner

DATE PREPARED: 8/7/91

NFPA/HMIS HAZARD CODES (minimal = 0; slight = 1, moderate = 2; serious = 3; severe = 4)  
Health: 1/1      Fire: 3/3      Reactivity: 0/0      Special: NA

## SECTION 2: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

<u>HAZARDOUS COMPONENTS</u>	<u>CAS #</u>	<u>OSHA-PEL</u>	<u>ACGIH-TLV</u>	<u>% BY WT.</u>
Isopropyl alcohol	67-63-0	400 ppm 500 ppm STEL	400 ppm 500 ppm STEL	20 max
Propylene glycol methyl ether	107-98-2	100 ppm 150 ppm STEL	100 ppm 150 ppm STEL	5 max.

Balance of ingredients nonhazardous: water, dye, detergents, ammonia (trace)

## SECTION 3: PHYSICAL / CHEMICAL CHARACTERISTICS

<b>BOILING POINT:</b> 183°F	<b>SPECIFIC GRAVITY:</b> 0.963 @ 70°F
<b>VAPOR PRESSURE:</b> as water	<b>PERCENT VOLATILE:</b> 99 min.
<b>VAPOR DENSITY (air = 1):</b> as water	<b>EVAPORATION RATE:</b> as water
<b>SOLUBILITY IN WATER:</b> Complete	<b>pH:</b> 9.5 - 10.5

**APPEARANCE AND ODOR:** Blue clear liquid; slight alcohol odor.

## SECTION 4: FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** 80°F (TCC)      **FLAMMABLE LIMITS:** For isopropyl alcohol Lel 2%; Uel 12%

**EXTINGUISHING MEDIA:** Foam, dry chemical, carbon dioxide, water spray or fog.

**SPECIAL FIREFIGHTING PROCEDURES:** Cool fire exposed containers with water.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None

## SECTION 5: REACTIVITY DATA

**STABILITY:** Stable      **HAZARDOUS POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID:** None

**INCOMPATIBILITY:** None

**HAZARDOUS DECOMPOSITION PRODUCTS:** None

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**SECTION 6: HEALTH HAZARD DATA**

**ROUTES OF ENTRY/SIGNS AND SYMPTOMS OF EXPOSURE:** ACUTE: Possible irritation if splashed in eyes or upon prolonged skin contact. Ingestion can cause nausea, vomiting and diarrhea. Inhalation: possible nose and respiratory irritation, or dizziness.

**CHRONIC EFFECTS:** None known.

**CARCINOGENS:** None under OSHA, IARC or NTP.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Respiratory (from inhalation).

**EMERGENCY AND FIRST AID PROCEDURES:** Flush skin or eyes with plenty of water. If swallowed, drink several glasses of water or milk and induce vomiting. Inhalation: remove to fresh air. Get medical attention for ingestion or if irritation persists.

**SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE**

**SPILL OR LEAK PROCEDURES: SMALL SPILLS:** Rinse away with water.

**LARGE SPILLS:** Dike to contain, reclaim all possible. Flush remainder with water.

**WASTE DISPOSAL METHOD:** Dilute with large quantities of water. Dispose of in accordance with Federal, State and local regulations.

**HANDLING AND STORING:** Store as flammable material away from heat and flame.

**OTHER PRECAUTIONS:** Use with adequate ventilation. Keep out of reach of children.

**SECTION 8: CONTROL MEASURES**

**RESPIRATORY PROTECTION:** Not normally required.

**VENTILATION:** Not normally required unless in enclosed or confined areas.

**GLOVES:** Not normally needed

**EYE PROTECTION:** Not normally needed. Chemical safety glasses if eye contact likely.

**OTHER PROTECTIVE EQUIPMENT:** As required to prevent prolonged skin contact.

**WORK/HYGIENIC PRACTICES:** None

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