MATERIAL SAFETY DATA SHEET					
<b>NFPA RATING:</b> Health = 1 Flammabili			0		
<b>HMIS RATING:</b> Health = 1 Flammabili	•	•	0		
	2	•			
SECTION I IDENTITY AND MANUFACT	URER'S IN	FORMATION	(0956A)		
Manufacturer's Name: HILLYARD INDUSTR	IES	Product Nam	e: WINDO-0	CLEAN+	
Address:302 North Fourth Street	et	Date Prepare	-		
St. Joseph, MO 64501		Prepared by:		y Affairs Department	
Emergency Telephone No.: (800)-424-9300 (Or	nly in the eve				
accident involving chemicals.)		Other inform	,	316) 233-1321 (Ext. 8285)	
				http://www.hillyard.com	
SECTION II INGREDIENTS/IDENTITY I	NFORMATI	ION			
Components (Spacific Chamical Identity)	CAS#	OCUA DEI		OTHED I IMITS	%
(Specific Chemical Identity: Common Name(s)	CAS#	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	70
Butyl cellosolve (2-Butoxyethanol) * (1)	111-76-2	50 ppm	20 ppm	N/A	12-17
Isopropyl alcohol (2)	67-63-0	400 ppm	400 ppm	N/A N/A	4-9
Propylene Glycol Monomethyl Ether(3)	107-98-2	100 ppm	100 ppm	STEL=150 ppm	4-9
Water	7732-18-5	none	none	N/A	
Sulfated Ethoxylated Alcohol	27731-61-9	none	none	N/A	
*This product contains the following chemical su					CFR Part
372: 2-Butoxyethanol.					
(1), (2)and (3) Regulated by OSHA and the following states: CA, FL, IL, OH, TX.					
VOS = 2.48 lbs./gal. for concentrate; Diluted VO	S = 1.5%				
SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS					
<b>Boiling Point:</b> 195°F	-	c Gravity (H <sub>2</sub> 0 =		$0.98$ & $39^{\circ}C = 0.9$	98
Vapor Pressure (mm Hg.):17.4Percent Volatile by Volume (%):97.3					
Vapor Density (AIR = 1): $1.5$		ration Rate (ethy		slower than 1	
Solubility in Water: complete	Appea	rance and Odor:	clear, laven	der liquid; solvent odor	
$\mathbf{pH}\left(\mathbf{concentrate}\right) = 6.4$					
SECTION IV FIRE AND EXPLOSION HA		•			
Flash point: 105°F (T.C.C.) mini		A Flammable Lim	its. I FI –	1.1% UEL = N <sub>0</sub>	A (mixture)
<b>Extinguishing Media:</b> Alcohol foam, dry chemical, carbon dioxide					
Special Fire Fighting Procedures: Water spray may be ineffective, but may be used to cool closed containers.					
<b>Unusual Fire and Explosion Hazards:</b> None known to manufacturer					
SECTION V PHYSICAL HAZARDS					
Stability: Stable Conditions to Avoid: Heat, sparks and open flame					
Incompatibility (Materials to Avoid): Strong oxidizing materials					
Hazardous Decomposition Products or Byproducts: As with any organic material, combustion will produce carbon					
dioxide and probably carbon monoxide.			-	-	
Hazardous Polymerization: Will r	not occur	Condition	s to Avoid:	None known	
SECTION VI HEALTH HAZARD DATA					
Routes of entry: Inhalation? Yes		n? Yes Ing	gestion?	Yes	
HEALTH HAZARDS (1. Acute and 2. Chroni					
1. When tested according to Federal Hazardous Substance Act product was not a primary skin irritant but concentrate					
produced slight skin irritation on prolonged exposure. When tested the concentrate was found to be an eye irritant. Also					
test on the concentrate showed that acute oral LD50 was not acutely toxic at 8.0 g./kg. Inhalation testing showed that the					
LC50 nominal concentration to be 15.5 mg./l. (actual concentration 12.5 mg./l.). Prolonged breathing of high					
concentrations of butyl cellosolve vapor may result in respiratory and eye irritation, narcosis, hematuria and damage to liver and kidneys. 2. None known to Hillyard Industries.					
iiver and kidneys. 2. None known to fil	nyaru muusu	103.			

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# SECTION VI -- HEALTH HAZARD DATA cont.

Chemical listed as Carcinogen or Potential Carcinogen:

National Toxicology Program = No I.A.R.C. Monographs = No OSHA = No

This product has no carcinogens listed by IARC, NTP, NIOSH, or ACGIH as of this date, greater than or equal to 0.1%. **Signs and Symptoms of Exposure:** Overexposure may cause drowsiness, headache and uncoordination.

Medical Conditions Generally Aggravated by Exposure: None known by manufacturer.

**Emergency and First Aid Procedures:** If swallowed, get medical attention immediately. In case of contact, immediately flush eyes or skin with plenty of water for 15 minutes. If irritation persists, get medical attention. Inhalation - If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

## SECTION VII -- PRECAUTIONS FOR SAFE HANDLING AND USE

**Steps To Be Taken In Case Material Is Released Or Spilled:** Absorb large spills with floor dry material. Small spills: Flush with water and pick up with mop.

**Waste Disposal Method:** Dispose of contaminated absorbent, container, and unused contents in accordance. with state and local regulations. Do not dispose of in storm drains or streams.

**Precautions To Be Taken In Handling And Storing:** Keep away from heat, sparks and flames. Since empty packages retain product residue, follow label warnings even after packages is empty.

**Other Precautions:** Keep away from heat and flame. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. USE ONLY WITH ADEQUATE VENTILATION. Do not breathe vapors or spray mist. **Ensure fresh air entry during application and drying.** If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor / mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application. Follow respirator manufacturer's directions for respirator use. Close container after each use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not take internally. Contains Butyl Cellosolve which may cause blood damage based on animal data.

### SECTION VIII -- CONTROL MEASURES

**Respiratory Protection (Specify Type):** Ventilate to keep air below TLV. A NIOSH approved respirator for organic vapor should be worn if needed to keep level below TLV.

Ventilation: Recommend at least 5 CFM

Local Exhaust =N/AMechanical (General) =RecommendedSpecial =N/AOther =N/AProtective Gloves:none required with normal useEye Protection:Splash goggles where splashing is a concern.Other Protective Clothing or Equipment:Use uniforms or coveralls.Work / Hygienic Practices:Wash thoroughly after handling

SECTION IX - TRANSPORTATION INFORMATION

 Applicable regulations: no 49 CFR; yes, IMCO; yes, IATA.

 Proper shipping name for air and foreign water: Flammable Liquid, N.O.S. (Isopropyl alcohol), 3.3, UN 1993, III.

 Proper shipping name for U.S. highway: Cleaning Compound

 UN No.: not applicable for highway

 Limited Qty.: not applicable

 Hazard Class = not applicable

 Labels required: not required for highway

 DOT Exception: not applicable

 EPA Hazardous waste characteristics:

 Ignitability = yes; Corrosivity = not applicable; Reactivity = not applicable.

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