

CUSTOMER  
SEE  
REVERSE  
SIDE

**MATERIAL SAFETY  
DATA SHEET**

DATE **12/25/91**

MSDS DATE **10/01/91**

PRODUCT NO. **102924**

CUSTOMER NO. \_\_\_\_\_

INVOICE NO. \_\_\_\_\_

JUL 12 1993

SECTION I - IDENTITY		
MANUFACTURER'S NAME <b>Huntington Laboratories, Inc.</b>	EMERGENCY TELEPHONE NO. <b>219/356-8100</b>	ADDRESS (Number, Street, City, State and Zip Code) <b>970 East Tipton Street, Huntington, Indiana 46750</b>

CHEMICAL NAME AND SYNONYMS <b>N/A</b>	TRADE NAME AND SYNONYMS <b>UMBRELLA WAX AND POLISH STRIPPER</b>
CHEMICAL FAMILY <b>N/A</b>	FORMULA <b>N/A</b>

SECTION II - HAZARDOUS INGREDIENTS				
CAS NO.	PRINCIPAL HAZARDOUS COMPONENTS	%	ACGIH TLV	OSHA PEL
111-76-2	2-BUTOXYETHANOL (SEE OTHER PRECAUTIONS.)	1-10	25 PPM	25 PPM
6834-92-0	SODIUM METASILICATE	5-15	N/A	N/A
141-43-5	MONOETHANOLAMINE	1-10	3 PPM	3 PPM
OTHER INGREDIENTS > OR = 3%:				
7732-18-5	WATER			

REPORTABLE UNDER SARA TITLE III, SECTION 313

SECTION III PHYSICAL DATA					
APPEARANCE AND ODOR <b>BLUE-GREEN LIQUID, SOLVENT ODOR</b>	pH VALUE <b>12.8-13.8</b>				
SPECIFIC GRAVITY (H <sub>2</sub> O=1) <b>1.085</b>	PERCENT VOLATILE BY VOLUME (%) <b>87</b>	REACTIVITY IN WATER <b>NONE</b>	EVAPORATION RATE <b>(WATER = 1) 1</b>		
BOILING POINT (°F.) <b>212</b>	SOLUBILITY IN WATER <b>100%</b>	VAPOR DENSITY (AIR=1) <b>1</b>	VAPOR PRESSURE (mm Hg.) <b>17.5</b>		

SECTION IV - FIRE AND EXPLOSION DATA							
FLASH POINT METHOD USED <b>&gt;212F, TOC</b>	FLAMMABLE LIMITS UPPER <b>N/A</b>	LOWER <b>N/A</b>	AUTO-IGNITION TEMP <b>N/A</b>	SPECIAL FIRE FIGHTING PROCEDURES <b>NONE</b>			
CONT:		EXTINGUISHING MEDIA <b>AS APPROPRIATE FOR SURROUNDING FIRE.</b>					
UNUSUAL FIRE AND EXPLOSION HAZARDS <b>NONE KNOWN.</b>							

SECTION V - PHYSICAL HAZARDS					
STABILITY	UNSTABLE	STABLE	<input checked="" type="checkbox"/>	CONDITIONS TO AVOID	<b>NONE</b>
INCOMPATIBILITY (MATERIALS TO AVOID) <b>ACIDS, OXIDIZERS</b>					
HAZARDOUS DECOMPOSITION PRODUCTS <b>THERMAL DECOMPOSITION MAY YIELD OXIDES OF CARBON AND NITROGEN.</b>					

HAZARDOUS POLYMERIZATION	MAY OCCUR	WILL NOT OCCUR	<input checked="" type="checkbox"/>	CONDITIONS TO AVOID	<b>NONE</b>
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SECTION VI - HEALTH HAZARD DATA					
THRESHOLD LIMIT VALUE <b>SEE SEC. II</b>	EFFECTS OF OVEREXPOSURE	1. INHALATION <b>MAY CAUSE SLIGHT RESPIRATORY TRACT IRRITATION.</b>			
2. EYES	<b>CAUSES SEVERE IRRITATION OR BURNS.</b>		3. SKIN	<b>CAUSES IRRITATION. CAN BE ABSORBED THROUGH THE SKIN.</b>	
4. INGESTION <b>HARMFUL.</b>	CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN		NATIONAL TOXICOLOGY PROGRAM	YES/NO <input checked="" type="checkbox"/> /NO	I.A.R.C. MONOGRAPHS <input checked="" type="checkbox"/>
OSHA YES/NO <input checked="" type="checkbox"/>					

EMERGENCY AND FIRST AID PROCEDURES	
1. INHALATION	<b>MOVE TO FRESH AIR.</b>
2. EYES	<b>IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN IMMEDIATELY.</b>
3. SKIN	<b>FLUSH SKIN WITH PLENTY OF WATER. REMOVE CONTAMINATED CLOTHING AND SHOES, AND WASH BEFORE REUSE. CALL A PHYSICIAN IF IRRITATION PERSISTS.</b>
4. INGESTION	<b>GIVE VICTIM A GLASS OF WATER. CALL A PHYSICIAN IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.</b>

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	<b>VENTILATE AREA. CONTAIN SPILL. DO NOT CONTAMINATE FOOD, FEED, OR WATER.</b>
WASTE DISPOSAL METHOD	<b>DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.</b>

SECTION VIII - SPECIAL PROTECTION INFORMATION					
RESPIRATORY PROTECTION (SPECIFY TYPE)	VENTILATION	LOCAL EXHAUST	MECH	SPECIAL	OTHER
<b>NONE</b>			<input checked="" type="checkbox"/>		
PROTECTIVE GLOVES	EYE PROTECTION	OTHER			
<b>RUBBER</b>	<b>GOGGLES</b>	<b>NONE</b>			

SECTION IX - SPECIAL PRECAUTIONS
<b>PRECAUTION TO BE TAKEN IN HANDLING AND STORING WASH THOROUGHLY AFTER HANDLING. AVOID BREATHING VAPORS. USE IN WELL-VENTILATED AREA. AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. DO NOT REUSE EMPTY CONTAINER. KEEP OUT OF THE REACH OF CHILDREN.</b>
<b>OTHER PRECAUTIONS CONTAINS 2-BUTOXYETHANOL, WHICH CAUSED HEMOLYSIS OF RED BLOOD CELLS IN SOME SPECIES OF ANIMALS. IN HUMANS, THESE BLOOD EFFECTS DID NOT OCCUR AT EXPOSURE LEVELS UP TO 200 PPM.</b>