

MATERIAL SAFETY DATA SHEET

SECTION I - IDENTITY

MANUFACTURER'S NAME Huntington Laboratories, Inc.		EMERGENCY TELEPHONE NO. 219/356-8100
ADDRESS (Number, Street, City, State, and Zip Code) 970 East Tipton Street, Huntington, Indiana 46750		
CHEMICAL NAME AND SYNONYMS N/A	TRADE NAME AND SYNONYMS Spa1	
CHEMICAL FAMILY Detergent	FORMULA N/A	

SECTION II - HAZARDOUS INGREDIENTS

CAS NO.	PRINCIPAL HAZARDOUS COMPONENT(S)	%	TLV (Units)
112-05-0	Pelargonic acid	0.2	N/A
8002-26-4	Tall oil	2	N/A
60-00-4	Ethylenediaminetetraacetic acid	0.8	N/A
67-63-0	Isopropyl alcohol	0.04	400 ppm.
110-91-8	Morpholine	0.1	N/A

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	212	SPECIFIC GRAVITY (H ₂ O = 1)	1.04
VAPOR PRESSURE (mm. Hg.)	N/A	PERCENT, VOLATILE BY VOLUME (%)	83
VAPOR DENSITY (AIR = 1)	N/A	EVAPORATION RATE (_____ = 1)	N/A
SOLUBILITY IN WATER	100%	REACTIVITY IN WATER	None
APPEARANCE AND ODOR	Red liquid, citrus odor	pH	9.4-9.9

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT (Method used)	None	FLAMMABLE LIMITS	LOWER	UPPER
EXTINGUISHING MEDIA	N/A	AUTO-IGNITION TEMPERATURE	N/A	
SPECIAL FIRE FIGHTING PROCEDURES	None			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None			

SECTION V - PHYSICAL HAZARDS

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	None
INCOMPATIBILITY (Materials to avoid)	None		
HAZARDOUS DECOMPOSITION PRODUCTS	None		
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	None

SECTION VI - HEALTH HAZARD DATA			
THRESHOLD LIMIT VALUE	N/A		
Effects of Overexposure			
1. Inhalation	Should not cause respiratory irritation.		
2. Eyes	May cause irritation.		
3. Skin	Should not cause irritation.		
4. Ingestion	May be harmful if swallowed.		
Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Yes ☐ No ☒	I.A.R.C. Monographs Yes ☐ No ☒
OSHA Permissible Exposure Limit	ACGIH Threshold Limit Value	N/A	Other Exposure Limit Used N/A
Emergency and First Aid Procedures			
1. Inhalation	Move to fresh air.		
2. Eyes	Irrigate with flowing water for 15 minutes. If irritation persists, call a physician.		
3. Skin	Flush with flowing water.		
4. Ingestion	Drink water or milk.		

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
Mop up spilled material. Rinse with water.	
WASTE DISPOSAL METHOD	
Flush down drain.	

SECTION VII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type)		
None required.		
VENTILATION	LOCAL EXHAUST	SPECIAL
Normal	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES	None required.	EYE PROTECTION
		None required.
OTHER PROTECTIVE EQUIPMENT		
None required.		

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTION TO BE TAKEN IN HANDLING AND STORING	
Product separates below 35°F or above 125°F. Restore by stirring at room temperature.	
OTHER PRECAUTIONS	
Keep away from children.	

Prepared by Clem L. Harris Title Technical Service Manager
 Signature Clem L. Harris Date March 5, 1987

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