

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 Mariko
CHEMICAL FAMILY Detergent	FORMULA N/A

SECTION II - HAZARDOUS INGREDIENTS			
CAS NO.	PRINCIPAL HAZARDOUS COMPONENT(S)	%	TLV (Units)
	Mariko is not a Hazardous mixture.		

SECTION III - PHYSICAL DATA			
BOILING POINT (°F.)	212	SPECIFIC GRAVITY (H ₂ O = 1)	1.12
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT VOLATILE BY VOLUME (%)	80
VAPOR DENSITY (AIR = 1)	N/A	EVAPORATION RATE (_____ = 1)	1
SOLUBILITY IN WATER	100%	REACTIVITY IN WATER	None
APPEARANCE AND ODOR	Green free flowing liquid, lime perfume odor		pH 12.4-13.4

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

SECTION V - PHYSICAL HAZARDS			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	x	None
INCOMPATIBILITY (Materials to avoid) Acids			
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 breathing problems.				
2. Eyes	May cause irritation				
3. Skin	May 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 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	Flush with flowing water for 15 minutes. If irritation persists, call a physician.				
3. Skin	Flush with flowing water.				
4. Ingestion	Drink milk or water.				

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
Mop up. Flush 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
OTHER PROTECTIVE EQUIPMENT		Goggles if contact likely.

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTION TO BE TAKEN IN HANDLING AND STORING	Store at normal room temperature.
OTHER PRECAUTIONS	Keep away from children.

Prepared by Clem L. Harris Title Technical Service Manager
 Signature Clem L. Harris Date February 20, 1986

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HUNTINGTON LABORATORIES, INC., Huntington, IN 46750
 • Lansdale, PA 19446 • Dallas, TX 75227 • Oakland, CA 94621
 • Bramalea, Ontario, Canada L6T-1E3