



QUICK IDENTIFIER

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 E. Tipton Street, Huntington, Indiana 46750			
CHEMICAL NAME AND SYNONYMS N/A		TRADE NAME AND SYNONYMS Turf Leader Southern Broadleaf Concentrat	
CHEMICAL FAMILY Weed Killer		FORMULA N/A	

SECTION II - HAZARDOUS INGREDIENTS			
CAS NO.	PRINCIPAL HAZARDOUS COMPONENT(S)	%	TLV (Units)
93-65-2	Dimethylamine Salt of 2-(2-methyl-4-Chlorophenoxy)		
	propionic acid	1.0	N/A
94-75-7	Dimethylamine salt of 2, 4-Dichlorophenoxyacetic		
	acid	0.2	N/A
1982-69-0	Dimethylamine salt of Dicamba (3,6-dichloro-o-		
	anisic acid)	0.1	N/A

SECTION III - PHYSICAL DATA			
BOILING POINT (°F.)	212	SPECIFIC GRAVITY (H ₂ O = 1)	1.01
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT, VOLATILE BY VOLUME (%)	98
VAPOR DENSITY (AIR = 1)	N/A	EVAPORATION RATE (_____ = 1)	N/A
SOLUBILITY IN WATER	Complete	REACTIVITY IN WATER	None
APPEARANCE AND ODOR	Light amber liquid, phenolic odor	pH	8.0

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	N/A		
UNUSUAL FIRE AND EXPLOSION HAZARDS	N/A		

SECTION V - PHYSICAL HAZARDS			
STABILITY	UNSTABLE	CONDITIONS TO AVOID	
	STABLE	X	N/A
INCOMPATIBILITY (Materials to avoid)	Acids		
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon derivatives		
HAZARDOUS POLYMERIZATION	MAY OCCUR	CONDITIONS TO AVOID	
	WILL NOT OCCUR	X	N/A

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 May cause irritation.					
4. Ingestion May be harmful if swallowed.					
Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	I.A.R.C. Monographs	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	OSHA Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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. If irritation persists, call a physician.					
4. Ingestion Drink water or milk.					

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
Flush with water. Mop or absorb large quantities.	
WASTE DISPOSAL METHOD	
Large quantities to landfill.	

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

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTION TO BE TAKEN IN HANDLING AND STORING	
Avoid contamination of food or feedstuffs. Do not apply directly to water. Keep from freezing. Store in original container in a locked storage area inaccessible to children. See product label. Do not reuse empty container.	
OTHER PRECAUTIONS	

Prepared by Clem L. Harris Title Technical Service Director
 Signature Clem L. Harris Date May 5, 1986

Huntington®

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