



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 East Tipton Street, Huntington, Indiana 46750		
CHEMICAL NAME AND SYNONYMS N/A	TRADE NAME AND SYNONYMS Turf Leader Weed & Brush Killer	
CHEMICAL FAMILY Weed Killer	FORMULA N/A	

SECTION II - HAZARDOUS INGREDIENTS

CAS NO.	PRINCIPAL HAZARDOUS COMPONENT(S)	%	TLV (Units)
94-75-7	Dimethylamine salt of 2, 4-Dichlorophenoxyacetic acid	12	N/A
93-65-2	Dimethylamine salt of 2 -(2-methyl-4-chlorophenoxy)		
	propionic acid	6	N/A
1982-69-0	Dimethylamine salt of Dicamba(3,6-dichloro-o-anisic acid)	1	N/A

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	212	SPECIFIC GRAVITY (H ₂ O = 1)	1.06
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT, VOLATILE BY VOLUME (%)	89
VAPOR DENSITY (AIR = 1)	N/A	EVAPORATION RATE (_____ = 1)	N/A
SOLUBILITY IN WATER	Complete	REACTIVITY IN WATER	None
APPEARANCE AND 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 ☐ 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 develops 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) N/A		
VENTILATION	LOCAL EXHAUST ☒	SPECIAL
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES Rubber when handling concentrate		EYE PROTECTION 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 feed stuffs. 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 Manager
 Signature Clem L. Harris Date 5/5/86



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