



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, IN 46750			
CHEMICAL NAME AND SYNONYMS N/A		TRADE NAME AND SYNONYMS Turf Leader Contact Herbicide	
CHEMICAL FAMILY Herbicide		FORMULA N/A	

**SECTION II - HAZARDOUS INGREDIENTS**

CAS NO.	PRINCIPAL HAZARDOUS COMPONENT(S)	%	TLV (Units)
85-00-7	Diquat dibromide (6,7-dehydrodipyride) (1,2-A:2' 1')		
	pyrazinedium dibromide	1.8	N/A

**SECTION III - PHYSICAL DATA**

BOILING POINT (°F.)	212	SPECIFIC GRAVITY (H <sub>2</sub> 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	100%	REACTIVITY IN WATER	None
APPEARANCE AND ODOR	Light colored liquid, faint odor	pH	6.5-6.6

**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 N/A
INCOMPATIBILITY (Materials to avoid) N/A		
HAZARDOUS DECOMPOSITION PRODUCTS N/A		
HAZARDOUS POLYMERIZATION	MAY OCCUR	CONDITIONS TO AVOID
	WILL NOT OCCUR	X N/A

SECTION VI - HEALTH HAZARD DATA					
THRESHOLD LIMIT VALUE		Exceeds 500 MAC			
Effects of Overexposure		May cause respiratory irritation if mist or spray is breathed for a long time.			
1. Inhalation					
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. Call a physician immediately.				
3. Skin	Flush with flowing water, if irritation persists call a physician.				
4. Ingestion	If swallowed, call a physician immediately.				

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
Wash with detergent solution.	
WASTE DISPOSAL METHOD	
Approved landfill for large quantities and containers. See label.	

SECTION VII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type) N/A		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES	Rubber or water proof	EYE PROTECTION
OTHER PROTECTIVE EQUIPMENT	Goggles or face shield.	
Avoid contact with clothes.		

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTION TO BE TAKEN IN HANDLING AND STORING	Avoid breathing spray mist. Keep in locked storage out of reach of children. Store above 32°F.
OTHER PRECAUTIONS	Read entire label and follow carefully.

Prepared by Clem L. Harris Title Technical Service Director  
 Signature Clem L. Harris Date May 2, 1986

**Huntington®**

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