MATERIAL SAFETY DATA SHEET

SECTION	N I - IDENTITY
MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.
HUNTINGTON LABORATORIES, INC.	219/356-8100
ADDRESS (Number, Street, City, State, and Zip Code)	
970 E. Tipton Street, Huntington, IN	46750
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS
N/A	Turf Leader Contact Herbicide
CHEMICAL FAMILY Herbicide	FORMULA N/A

	SECTION II - HAZARDOUS INGREDIENTS		9,41
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
			56.

	SECTION III - P	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	100%	REACTIVITY IN WATER	4	None
APPEARANCE AND ODOR Light c	olored liquid,	faint odor	рΗ	6.5-6.6

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

			SECT	ION V - PH	YSICAL HAZARDS	
STABILITY	UNS	STABLE		CONDITIO	NS TO AVOID	
	STA	BLE	X	N/A		
INCOMPATABIL	ITY (Mate	erials to avoid)	N/A		
HAZARDOUS D	ECOMPO	SITION PRO	DUCTS	N/A		
HAZARDOUS	A. (1)	MAY OCC	UR	4 4	CONDITIONS TO AVOID	
POLYMERIZATI	ON	WILL NO	COCCUR	X	N/A	

		SECTION VI -	11-0-111 11	MEMOD D	~ I ~		9 7		
THRESHOLD LIN	IT VALUE EX	ceeds 500 MAC							
Effects of Overex 1. Inhalation	posure May ca	use respiratory	irritati	on if m	ist or s	pray	is brea	the	for
2. Eyes May	cause irr	itation.							
3. Skin May	cause irr	itation.							
4. Ingestion	May be harm	ful if swallowe	d.						
Chemical Listed a or Potential Carci	as Carcinogen nogen	National Toxicology Program	Yes □ No X	I.A.R.C. Monogra	Yes No	×	OSHA	Yes	X
OSHA Permissible exposure Limit	N/A	ACGIH Threshold Limit Value	N/A	Other Ex Limit Use	nocure	N/A		140	
mergency and irst Aid Procedur	res								
	love to fre	sh air.							
and the second s	1700 217	owing water for	15 minut	es. Cal	1 a phy	sicia	n immed	liate	elv.
O CIPETAN		owing water, if	Service Control						
A loosever		d, call a physic				ı a p	11/3/10/10		
CALL CONTROL OF EACH	. Juantowe	a, carr a physic	Cran thine	diatery.				-	
		SECTION VII - SPI	LL OR LEA	K PROCE	DURES			-	
TEPS TO BE TA	KEN IN CASE M	ATERIAL IS RELEASED	OR SPILLED			- 70 - 1			-16.
lash with d	etergent s	olution.					•		
									- 4%
NASTE DISPOSA	L METHOD								- 15
NASTE DISPOSA		large quantitie	es and co	ntainers	\$00	lahal			
		large quantitie	es and co	ntainers	. See	label			
		large quantitio	es and co	ntainers	. See	label	•		
	ndfill for						•		
Approved la	ndfill for	CTION VII - SPECIA					•		
Approved la	ndfill for	CTION VII - SPECIA ecify type) N/A							
Approved la	ndfill for SEC	CTION VII - SPECIA ecify type) N/A UST X			ORMATIC				
Approved la ESPIRATORY PI	SECROTECTION (SPA	CTION VII - SPECIA polify type) N/A UST X . (General)	AL PROTEC	TION INF	ORMATIC SPECIAL OTHER	DN			
Approved la ESPIRATORY PI ENTILATION ROTECTIVE GLO	SECROTECTION (SPO	CTION VII - SPECIA ecify type) N/A UST X (General) Or water proof	AL PROTEC	ROTECTION	ORMATIC SPECIAL OTHER	DN	face sh	ielo	1.
Approved la ESPIRATORY PI ENTILATION ROTECTIVE GLO	SECROTECTION (SPO	CTION VII - SPECIA ecify type) N/A UST X .(General)	AL PROTEC	ROTECTION	ORMATIC SPECIAL OTHER	DN		ielo	1.
Approved la RESPIRATORY PIPENTILATION	SECROTECTION (SPO	CTION VII - SPECIA poify type) N/A UST X (General) or water proof Avoid contact	EYE P	ROTECTION	ORMATIC SPECIAL OTHER Goggle	DN		ielo	1.
Approved la sespiratory pi entilation rotective glo	SECROTECTION (Spot LOCAL EXHA MECHANICAL DVES Rubber IVE EQUIPMENT	CTION VII - SPECIA poily type) N/A UST X (General) Or water proof Avoid contact SECTION IX - S	EYE P	ROTECTION	ORMATIC SPECIAL OTHER Goggle	on s or t	face sh	ielo	1.
Approved la sespiratory pi entilation rotective glo	SECROTECTION (Spot LOCAL EXHA MECHANICAL DVES Rubber IVE EQUIPMENT	CTION VII - SPECIA poify type) N/A UST X (General) or water proof Avoid contact	EYE P	ROTECTION	ORMATIC SPECIAL OTHER Goggle	on s or t	face sh		1.
Approved la ESPIRATORY PI ENTILATION ROTECTIVE GLO THER PROTECT RECAUTION TO ocked store	SECTION (SPECIAL LOCAL EXHA MECHANICAL DVES Rubber IVE EQUIPMENT DE TAKEN IN H	CTION VII - SPECIA poily type) N/A UST X (General) Or water proof Avoid contact SECTION IX - S	EYE P	ROTECTION lothes.	ORMATIC SPECIAL OTHER Goggle ONS g spray	on s or t	face sh		1.
Approved la ESPIRATORY PI ENTILATION ROTECTIVE GLO THER PROTECT RECAUTION TO ocked store	SECONDECTION (SPONS) LOCAL EXHA MECHANICAL DVES RUBBET TVE EQUIPMENT BE TAKEN IN H age out of	CTION VII - SPECIA CONTINUE OF AVOID CONTINUE CONTINUE OF WATER PROOF AVOID CONTACT SECTION IX - SECTION	EYE POTECT WITH COMPANY AND INC. Store Sto	ROTECTION lothes. RECAUTION breathin re above	ORMATIC SPECIAL OTHER Goggle ONS g spray 32°F.	on s or t	face sh		1.
Approved la RESPIRATORY PI PENTILATION ROTECTIVE GLO THER PROTECT RECAUTION TO ocked store	SECONDECTION (SPONS) LOCAL EXHA MECHANICAL DVES RUBBET TVE EQUIPMENT BE TAKEN IN H age out of	CTION VII - SPECIA Becify type) N/A UST X (General) Or water proof Avoid contact SECTION IX - SECTION I	EYE POTECT WITH COMPANY AND INC. Store Sto	ROTECTION lothes. RECAUTION breathin re above	ORMATIC SPECIAL OTHER Goggle ONS g spray 32°F.	on s or t	face sh		1.
Approved la RESPIRATORY PI VENTILATION PROTECTIVE GLO OTHER PROTECT PRECAUTION TO	SECTION (SPECIAL LOCAL EXHA MECHANICAL DVES Rubber IVE EQUIPMENT DE TAKEN IN H	CTION VII - SPECIA CONTROL OF SPECIA CONTROL	EYE POTECT WITH C	ROTECTION lothes. RECAUTION breathin re above careful	ORMATIC SPECIAL OTHER Goggle ONS g spray 32°F.	s or t	face sh	in	1.
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