QUICK IDENTIFIER **Muntington** MATERIAL SAFETY DATA SHEET **SECTION I - IDENTITY** EMERGENCY TELEPHONE NO. MANUFACTURER'S NAME 219/356-8100 HUNTINGTON LABORATORIES, INC. ADDRESS (Number, Street, City, State, and Zip Code) 970 E. Tipton Street, Huntington, Indiana 46750 CHEMICAL NAME AND SYNONYMS TRADE NAME AND SYNONYMS Turf Leader Vegetation Killer N/A CHEMICAL FAMILY **FORMULA** N/A Organic Herbicide **SECTION II - HAZARDOUS INGREDIENTS** CAS NO. PRINCIPAL HAZARDOUS COMPONENT(S) (Units) 1 2.4-Dichlorophenoxyacetic acid isooctyl ester N/A 94-75-7 97 N/A Petroleum oil 8002-05-9 N/A 0.6 314-40-9 Bromacil (5-bromo-3-sec-butyl-6-methyloracil) **SECTION III - PHYSICAL DATA** 0.80 N/A BOILING POINT (°F.) SPECIFIC GRAVITY (H2O = 1) PERCENT, VOLATILE BY VOLUME (%) VAPOR PRESSURE (mm Hg.) 97 N/A **EVAPORATION RATE** N/A N/A VAPOR DENSITY (AIR = 1) Immiscible None SOLUBILITY IN WATER REACTIVITY IN WATER N/A APPEARANCE AND ODOR Dark liquid, hydrocarbon odor pH

FLASH POINT (Method used) 175°F COC	FLAMMABLE LIMITS	LOWER	UPPER
EXTINGUISHING MEDIA Carbon dioxide, foam or dry chemical	AUTO-IGNITION TEMPERATURE	N/A	
SPECIAL FIRE FIGHTING PROCEDURES None			
UNUSUAL FIRE AND EXPLOSION HAZARDS None			

	SECT	ION V - PH	YSICAL HAZARDS	
UNSTABLE				
STABLE	Х		N/A	
ITY (Materials to av	roid)	N/A	•	
ECOMPOSITION P	RODUCTS	N/A	A SEP	
MAY O	CCUR		CONDITIONS TO AVOID	
ON WILL N	OT OCCUR	X	N/A	
	STABLE ITY (Materials to avector) ECOMPOSITION PROPERTY OF THE PROPERTY OF T	UNSTABLE STABLE X ITY (Materials to avoid) ECOMPOSITION PRODUCTS MAY OCCUR	UNSTABLE CONDITION STABLE X ITY (Materials to avoid) ECOMPOSITION PRODUCTS MAY OCCUR ON WILL NOT OCCUR	STABLE X N/A ITY (Materials to avoid) N/A ECOMPOSITION PRODUCTS N/A MAY OCCUR CONDITIONS TO AVOID

THRESHOLD LIM	AIT VALUE	SECTION V	I - HEALTH H	AZARD DATA		
		N/A				
Effects of Overex 1. Inhalation	Should	l not cause r	espiratory	irritation.		
2. Eyes May	cause irri	tation.				
3. Skin May	cause irri	tation.				
4. Ingestion M	lay be harmf	ul if swallo				
Chemical Listed a or Potential Carcin	nogen	National Toxicolo Program	No X		Yes □ OSH No ⊠	A Yes □ No X
OSHA Permissible Exposure Limit	N/A	ACGIH Threshold Limit Value	N/A	Other Exposure Limit Used	N/A	
Emergency and First Aid Procedur	res					
1. Inhalation	love to fres	h air.				
2. Eyes Flus	h with flow	ing water fo	r 15 minute	s. Call a ph	nysician.	
3. Skin Flus	h with flow	ing warm wat	er using so	ap in a washi	ing action.	
4. Ingestion D	rink water	or milk. Ca	ll a physic	ian.	u .	
1000						
STEPS TO BE TA		SECTION VII -		K PROCEDURE	S	
Contain	h h h h			No. of the second		
Contain wit	h absorbent	material.	1	A	•	
		material.				
Contain wit		material.				
WASTE DISPOSA	L METHOD	material.	ticides. S	ee Label.		
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NASTE DISPOSA Sanitary la RESPIRATORY PI VENTILATION PROTECTIVE GLO	SEC ROTECTION (Special LOCAL EXHAUMECHANICAL	oved for pes TION VII - SPE cify type) None IST X (General)	CIAL PROTECT required.	SPECIOTHEI	AL	shield.
WASTE DISPOSA Sanitary la RESPIRATORY PI VENTILATION PROTECTIVE GLO	SEC ROTECTION (Special LOCAL EXHAUMECHANICAL DVES Rub	TION VII - SPE cify type) None UST X (General)	CIAL PROTECT required.	SPECIOTHEI	AL R	shield.
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PRECAUTION TO Remove and OTHER PRECAUTION TO	SEC ROTECTION (SPECTION (SPECTION SPECTION IN HARMS A CONTAIN IN HARMS ON BY STORE IN HARMS ON BY STORE IN HARMS A CONTAIN IN H	crion VII - SPE cify type) None IST X (General) ber None re SECTION IX INDLING AND STO inated cloth ge or dispos	CIAL PROTECT required. EYE POUR PRINCE Avoid contains before al. Toxic	RECAUTIONS ontact with secure. Do not to fish and we	AL ples or face : kin, eyes, and t contaminate	nd clothine water,
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