

Huntington® H & S CHEMICALS DIVISION

MATERIAL SAFETY DATA SHEET

QUICK IDENTIFIER

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 Plant & Turf Insecticide	
CHEMICAL FAMILY Insecticide		FORMULA N/A	

SECTION II - HAZARDOUS INGREDIENTS			
CAS NO.	PRINCIPAL HAZARDOUS COMPONENT(S)	%	TLV (Units)
2921-88-2	Chlorpyrifos [o,o,-diethyl-o-(3,4,6-trichloro-2-pyridyl) phosphorothioate]	24.6	N/A
1330-20-7	Xylene aromatic solvent	68.8	100 ppm

SECTION III - PHYSICAL DATA			
BOILING POINT (°F.)	102	SPECIFIC GRAVITY (H ₂ O = 1)	0.9704
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT, VOLATILE BY VOLUME (%)	69
VAPOR DENSITY (AIR = 1)	N/A	EVAPORATION RATE (_____ = 1)	N/A
SOLUBILITY IN WATER	N/A	REACTIVITY IN WATER	N/A
APPEARANCE AND ODOR	Light amber liquid, aromatic odor	pH	N/A

SECTION IV - FIRE AND EXPLOSION DATA			
FLASH POINT (Method used)	102°F TCC	FLAMMABLE LIMITS	LOWER UPPER
EXTINGUISHING MEDIA	Class B, C or foam	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	None
INCOMPATIBILITY (Materials to avoid)	None		
HAZARDOUS DECOMPOSITION PRODUCTS	None		
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	None

SECTION VI - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE		N/A	
Effects of Overexposure			
1. Inhalation	Pale, nauseous and faint.		
2. Eyes	May cause irritation.		
3. Skin	May be absorbed through skin.		
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 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. Apply respiration if indicated.		
2. Eyes	Flush with flowing water for 15 minutes. Get prompt medical attention.		
3. Skin	Wash area immediately with soap and warm water.		
4. Ingestion	Do not induce vomiting. Get medical attention immediately.		

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
Remove heat and open flame. Avoid breathing vapors. Ventilate fumes.	Use
absorbent.	
WASTE DISPOSAL METHOD	
Sanitary landfill.	

SECTION VII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)		None required.	
VENTILATION	LOCAL EXHAUST	SPECIAL	
	MECHANICAL (General)	OTHER	
PROTECTIVE GLOVES		EYE PROTECTION	
May be worn-not absolutely necessary		Avoid contact	
OTHER PROTECTIVE EQUIPMENT		None required.	

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTION TO BE TAKEN IN HANDLING AND STORING	
Do not use or store near heat or open flame.	
OTHER PRECAUTIONS	
Keep away from children.	

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



H & S CHEMICALS DIVISION
 970 E. Tipton St. Huntington, IN 46750