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U.S. DEPARTMENT OF LABOR

Form No. OSHA-20
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81092

MATERIAL SAFETY DATA SHEET

SECTION I					
MANUFACTURER'S NAME MONSANTO COMPANY			EMERGENCY TELEPHONE NO. (314) 694-1000		
ADDRESS 800 North Lindbergh Boulevard, St. Louis, Missouri 63166					
CHEMICAL NAME AND SYNONYM Chlorinated aromatics			TRADE NAME AND SYNONYM Inertan PPO		
CHEMICAL FAMILY Chlorinated aromatics			FORMULA Mixture		
SECTION II HAZARDOUS INGREDIENTS					
PAINTS, PRESERVATIVES, & SOLVENTS	A	TLV (Units)	ALLOYS AND METALLIC COATINGS	B	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			PAINTS METAL PLUS COATING OR COM. PLUS		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUID, SOLID, OR GASES				B	TLV (Units)
SECTION III PHYSICAL DATA					
BOILING POINT (°F)	760 mm	200-215°C	SPECIFIC GRAVITY (H ₂ O = 1) (15.5/15.5°C)	1.564	
VAPOR PRESSURE (mm Hg)	Not Avail.		PERCENT VOLATILE BY VOLUME (%)	N.A.	
VAPOR DENSITY (AIR = 1)	Not Avail.		EVAPORATION RATE (Buac. 50)	C	
SOLUBILITY IN WATER	20°C negligible		Not Avail.		
APPEARANCE AND ODOR	colorless to yellow oil		aromatic odor		
SECTION IV FIRE AND EXPLOSION HAZARD DATA					
FLASH POINT (MCCORD METHOD)	None 245°F		FLAMMABLE LIMITS	LC ₅₀	UC ₅₀
EXTINGUISHING MEDIA	N.A.			N.A.	N.A.
SPECIAL FIRE FIGHTING PROCEDURES Respiratory protection when fighting fires where exposure to vapors or gases is possible.					
ADDITIONAL FIRE AND EXPLOSION HAZARDS Highly toxic gases (chlorides and chlorine) can be evolved in fires of this product.					

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Inerteen PPO SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	Not available.
EFFECTS OF OVEREXPOSURE Skin irritation in the form of chloracne, systematic intoxication leads to nausea, vomiting, loss of weight, edema and abdominal pain.	
EMERGENCY AND FIRST AID PROCEDURES Remove from exposure. Remove contaminated clothing. Wash contacted area with large amounts of water and soap. Refer to physician.	

SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Hazardous to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS CO, CO ₂ , smoke, soot, chlorides and chlorine			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII SPILL OR LEAK PROCEDURES

TIPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Absorb on clay, sawdust or other absorbant material. Place in drums. Bury in approved chemical landfill in accordance with local and state regulations.	
WASTE DISPOSAL METHOD Burn in an approved incinerator in accordance with local and state regulations.	

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Bureau of Mines approved respirator for organic vapor)		
VENTILATION	LOCAL EXHAUST	SPECIAL
	Mechanical (General)	OTHER
PROTECTIVE GLOVES	rubber	EYE PROTECTION chemical goggles
OTHER PROTECTIVE EQUIPMENT		

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE Avoid skin and eye contact. Avoid inhalation of vapors.	
OTHER PRECAUTIONS	

While the information and recommendations set forth herein are believed to be accurate as of the date hereof, MONSANTO COMPANY MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.

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