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U.S. DEPARTMENT OF LABOR

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File with
81098-259

MATERIAL SAFETY DATA SHEET

1-S.D. 7-11
1-P.M.C. 6-11-71

SECTION I					
MANUFACTURER'S NAME MONSANTO COMPANY				EMERGENCY TELEPHONE NO. (314) 624-1000	
ADDRESS: Number, Street, City, State, and ZIP Code 800 North Lindbergh Boulevard, St. Louis, Missouri 63166					
CHEMICAL NAME AND SYNONYMS				TRADE NAME AND SYNONYMS	
Chlorinated aromatic				Inerteen 54201 KA	
CHEMICAL FORMULA			FORMULA		
Chlorinated aromatic			Mixture		
SECTION II HAZARDOUS IDENTIFICATION					
PAINTS, PRESERVATIVES, & SOLVENTS		%	TLV (Units)	ALLOYS AND METALLIC COATINGS	
PIGMENTS				BASE METAL	
CATALYST				ALLOYS	
VEHICLE				METALLIC COATINGS	
SOLVENTS				FILLER METAL PLUS COATING OR CORE FLOW	
ADDITIVES				OTHERS	
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
SECTION III PHYSICAL DATA					
BOILING POINT (°F.)		760 mm. 200-400°C		SPECIFIC GRAVITY (H ₂ O=1) (15.5/15.5°C) 1.523	
VAPOR PRESSURE (mm Hg.)		Not Avail.		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		Not Avail.		EVAPORATION RATE (1 BuAc = 1)	
SOLUBILITY IN WATER		20°C negligible <0.01%			
APPEARANCE AND ODOR		colorless oil		aromatic odor	
SECTION IV FIRE AND EXPLOSION HAZARD DATA					
FLASH POINT (FISCHER METHOD)		None		FLAMMABLE LIMITS	
				Lel Uel	
EXTINGUISHING MEDIA				H.A. H.C.	
SPECIAL FIRE FIGHTING PROCEDURES					
Respiratory protection when fighting fires where exposure to vapors or gases is possible.					
UNUSUAL FIRE AND EXPLOSION HAZARDS					
Highly toxic gases (chlorides and chlorine) can be evolved in fires of this product.					

MONS 029354

Inerteen 54201 KA 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	EXPOSURE TO FLAME
	STABLE	X
INCOMPATIBILITY (Materials 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

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Absorb on clay, sawdust or other absorbent 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 (Specify type) Bureau of Mines approved respirator for organic vapors.		
VENTILATION	LOCAL EXHAUST	Yes - for vapors
	MECHANICAL (General)	
PROTECTIVE GLOVES rubber		EYE PROTECTION chemical goggles
OTHER PROTECTIVE EQUIPMENT		

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Avoid skin and eye contact. Avoid inhalation of vapors.	
OTHER PRECAUTIONS	MONS 029355

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.