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U.S. DEPARTMENT OF LABOR

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81094-259

MATERIAL SAFETY DATA SHEET

1- S.D. Fille
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SECTION I					
MANUFACTURER'S NAME MONSANTO COMPANY				EMERGENCY TELEPHONE NO. (314) 694-1000	
ADDRESS (Number, Street, City, State, and ZIP Code) 800 North Lindbergh Boulevard, St. Louis, Missouri 63166					
CHEMICAL NAME AND SYNONYMS Mixture				TRADE NAME AND SYNONYMS Inerteen 54201 KJ	
CHEMICAL FAMILY Chlorinated Aromatic			FORMULA mixture		
SECTION II HAZARDOUS INGREDIENTS					
PAINTS, PRESERVATIVES, & SOLVENTS		%	TLV (Units)	ALLOYS AND METALLIC COATINGS	
PIGMENTS				BASE METAL	
CATALYST				ALLOYS	
VEHICLE				METALLIC COATINGS	
SOLVENTS				FILLER METAL PLUS COATING OR CORE FLUX	
ADDITIVES				OTHERS	
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
SECTION III PHYSICAL DATA					
BOILING POINT (°F.)		760 mm	200-350°C	SPECIFIC GRAVITY IN H_2O AT (25/15.5°C)	
VAPOR PRESSURE (mm Hg.)		Ndt Avail		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		Ndt Avail		EVAPORATION RATE (BuA ₂ =1)	
SOLUBILITY IN WATER		29°C negligible			
APPEARANCE AND ODOR		colorless oil		aromatic odor	
SECTION IV FIRE AND EXPLOSION HAZARD DATA					
FLASH POINT (°F) (Method used)		None		FLAMMABLE LIMITS	
				Lel	
				Uel	
EXTINGUISHING MEDIA				N.A.	
SPECIAL FIRE FIGHTING PROCEDURES					
Respiratory protection when fighting fires where exposure to vapors or gases is possible.					
Highly toxic gases (chlorides and chlorine) can be evolved in fires of this product.					

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SECTION V HEALTH HAZARD DATA

UNTESTED 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 contaminated clothing. Wash contacted area. Remove from exposure. Wash with large amounts of water and soap. Refer to physician.	

SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE	CONDITIONS TO AVOID
	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 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 (Specify type) Bureau of Mines approved respirator for organic vapors		
VENTILATION	LOCAL EXHAUST Yes - for vapors	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 STORING 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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1/26/72