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U.S. DEPARTMENT OF LABOR

R. Mc Lathan
Form No. DSHA-20
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82610-RM
(Same as E1106)

MATERIAL SAFETY DATA SHEET

SECTION I				
MANUFACTURER'S NAME MONSANTO COMPANY		EMERGENCY TELEPHONE NO. (314) 604-1000		
800 North Lindbergh Boulevard, St. Louis, Missouri 63166				
CHEMICAL NAME AND SYNONYM Chlorinated Aromatic		TRADE NAME AND SYNONYM Capelitor 21		
FORMULA		Mixture		
SECTION II HAZARDOUS INFORMATION				
PAINTS, PRESERVATIVES, & SOLVENTS	9	TLV (ppm)	ALLOYS AND METALLIC COATINGS	9
PIGMENTS			SAME METAL	
CATALYST			ALLOYS	
VEHICLE			METALLIC COATINGS	9.1
SOLVENTS			PAINTS METAL	
ADDITIVES			PLUS COATING OR COAT FIVE	
OTHERS			OTHERS	
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				9 TLV (ppm)
SECTION III PHYSICAL DATA				
BOILING POINT (°F)	760 mm	215-220	PERCENT VOLATILE IN VAPOR (at 25/75, F/°C)	1-187
VAPOR PRESSURE (mm Hg)	at 100°	> 0.05	PERCENT VOLATILE IN LIQUID (at 25/75, F/°C)	N.A.
VAPOR DENSITY (air=1)		Not Avail.	EVAPORATION RATE (g/m ² /hr)	<1
SOLUBILITY IN WATER	at 25°C negligible	<0.015		
APPEARANCE AND ODOR	colorless oil; aromatic odor			
SECTION IV FIRE AND EXPLOSION HAZARD DATA				
FLASH POINT (°F)	Not Avail.		FLAMMABLE LIMITS	LOI Not Avail. UOI
EXTINGUISHING MEDIA: WATER, CO ₂ , or dry chemical.				
SPECIAL FIRE FIGHTING PRECAUTIONS: Respiratory protection when fighting fires where exposure to vapors or gases is possible.				
UNUSUAL REACTIONS AND EXPLOSION HAZARDS: Highly toxic gases (chlorides and chlorine) can be evolved in fires of this product.				

GBRN 001564

Capacitor 21

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 (Reactivity to water)			
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 (Special)

Bureau of Mines approved respirator for organic

VENTILATION	LOCAL EXHAUST	Yes - for vapors	SPECIAL	Vapors.
	MECHANICAL (General)		OTHER	

PROTECTIVE GLOVES	rubber	EYE PROTECTION	chemical goggles
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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.

JAG:HOH:JTG:WBP

4/14/72