

Form Approved OMB
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U.S. DEPARTMENT OF LABOR

Form No. OSHA-20
May, 1971

MATERIAL SAFETY DATA SHEET

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			TRADE NAME AND SYNONYMS Inerteon 54201 cm (Aroclor 124)	
CHEMICAL FAMILY Chlorinated aromatic			FORMULA Mixture	
SECTION II HAZARDOUS INGREDIENTS				
PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	% TLV (Units)
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	325-360°C	SPECIFIC GRAVITY (25/25°C)	1.380
VAPOR PRESSURE (mm Hg.)	(155-195°)	3 mm	PERCENT VOLATILE BY VOLUME (SI)	N.A.
VAPOR DENSITY (AIR=1)			EVAPORATION RATE (B.P.C. vs. F.P.)	<1
SOLUBILITY IN WATER	20°C negligible	<0.02%		
APPEARANCE AND ODOR	COLORLESS OIL		AROMATIC OIL	
SECTION IV FIRE AND EXPLOSION HAZARD DATA				
FLASH POINT (Method used)	C.O.C. 180°C		FLAMMABLE LIMITS	Exp. 11.4% Det. 15.4%
EXTINGUISHING MEDIA	Water foam, CO ₂ or dry chemical			
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.				

DSW 267254

Inerteen 54201 CM 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

STABLE

X

CONDITIONS TO AVOID

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

CO, CO₂, smoke, soot, chlorides & chlorine

HAZARDOUS POLYMERIZATION

MAY OCCUR

WILL NOT OCCUR

X

CONDITIONS TO AVOID

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

VENTILATION

LOCAL EXHAUST

Yes - for vapors

MECHANICAL (General)

SPECIAL

vapors.

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

DSW 267255

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.

SECTION VIII CONTINUED

1/26/72

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