

July 30, 1972

Form No. OSHA-
May, 1971

MATERIAL SAFETY DATA SHEET

GBRN 001579

EXHIBIT
K-106

SECTION V HEALTH HAZARD DATA

EXPOSURE LIMIT VALUE	0.5 mg/m ³ of air
EFFECTS OF OVEREXPOSURE Skin irritation in the form of chloracne, systematic intoxication leads to nausea, vomiting, loss of weight, anorexia 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 (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

SPILL OR LEAK PROCEDURES Absorb on clay, sand 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 (Approved type)		Bureau of Mines approved respirator for organic vapors.
VENTILATION	LOCAL EXHAUST	Yes - for vapors
	MECHANICAL EXHAUST	OTHER
PROTECTIVE GLOVES	Rubber	EYE PROTECTION
		Chemical goggles
OTHER PROTECTIVE EQUIPMENT		

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS Avoid skin and eye contact, avoid inhalation of vapors
OTHER PRECAUTIONS

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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:WDP

1/25/72

Monsanto

PRODUCT SPECIFICATION

MONSANTO INDUSTRIAL CHEMICALS CO.

PRODUCT Aroclor 1254

CODE NO 1040-281

GRADE

DATE EFFECTIVE August 5, 1975

CHARACTERISTICS

LIMITS

Color (APHA)	50 max.
Condition	Clear
Sp. Gr. 65/15.5°C	1.495 - 1.505
Acidity (mg KOH/g)	0.010 max.
Moisture	35 ppm, max.
Refractive Index 25°C	1.6375 - 1.6415
Inorganic Chlorides	0.05 ppm, max.
Pour Point	7-12°C
Dielectric Constant (60 Hz, 100°C)	4.25 - 4.55
Distillation Range (by wt.) (ASTM D-20 Corrected)	
10%	366-378°C
50%	371-383°C
90%	379-394°C
Dielectric Strength 25°C	35 KV, min.
Fire Point	None
Power Factor (60 Hz, 100°C)	
Bulk	1.0% max.
Drums	4.0% max.
Corrosion Tests	
Weight change	0.0%
A.C. Color (APHA)	60 max.
A.C. Condition	Clear
A.C. Acidity (mg KOH/g)	0.010 max.
A.C. Inorganic Chlorides	0.05 ppm, max.
Viscosity 210°F (SUS)	44-48
Flash Point	None

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