

MONSANTO CO -- POLYCHLORINATED BIPHENYLS -- 5910-01-019-8871

===== Product Identification =====

Product ID:POLYCHLORINATED BIPHENYLS

MSDS Date:10/01/1988

FSC:5910

NIIN:01-019-8871

Status Code:A

MSDS Number: CJDKH

=== Responsible Party ===

Company Name:MONSANTO CO

Address:800 N LINDBERGH BLVD

Box:UNKNOWN

City:ST LOUIS

State:MO

ZIP:63167

Country:US

Info Phone Num:314-694-1000

Emergency Phone Num:314-694-1000

Preparer's Name:PAUL R MICHAEL, SAFETY

CAGE:3Y784

=== Contractor Identification ===

Company Name:GENERAL ELECTRIC CO CAPACITOR PRODUCTS DEPARTMENT

Address:JOHN ST

Box:City:HUDSON FALLS

State:NY

ZIP:12839

Country:US

Phone:518-746-5750

CAGE:01002

Company Name:MONSANTO CO, FIBERS BUSINESS UNIT

Address:800 N LINDBERGH BLVD

Box:City:SAINT LOUIS

State:MO

ZIP:63167

Country:US

Phone:314-694-1000

CAGE:3Y784

===== Composition/Information on Ingredients =====

Ingred Name:POLYCH

LORINATED BIPHENYLS (PCBS) (SARA III)

CAS:1336-36-3

RTECS #:TQ1350000

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

===== Hazards Identification =====

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:EYES: MODERATELY IRRITATING TO EYE
TISSUES. SKIN: CAN BE ABSORBED THROUGH INTACT SKIN. MAY CAUSE
DEFATTING. A POTENTIAL FOR CONTACTING CHLORACNE. INHALATION:
POSSIBLE LIVER INJURY. INGESTION: SLIGHTLY TOXIC.

Explanation

Reports of Carcinogenicity:IARC: PROBABLE CARCINOGENIC. NTP:
REASONABLY ANTICIPATED TO BE CARCINOGENIC.

Effects of Overexposure:CAN CAUSE DERMATOLOGICAL SYMPTOMS; HOWEVER,
THESE ARE REVERSIBLE UPON REMOVAL OF EXPOSURE SOURCE.

===== First Aid Measures =====

First Aid:EYES: IRRIGATE IMMEDIATELY WITH COPIOUS QUANTITIES OF RUNNING
WATER FOR AT LEAST 15 MIN IF LIQUID OR SOLID PCBS GET INTO THEM.

SKIN:CONTAMINATED CLOTHING SHOULD BE REMOVED AND THE SKIN
WASHED

THOROUGHLY WITH SOAP AND WATER. HOT PCBS MAY CAUSE THERMAL BURNS.
INHALATION: REMOVE TO FRESH AIR. IF SKIN RASH OR RESPIRATORY
IRRITATION PERSISTS, CONSULT A PHYSICIAN. (IF ELECTRICAL EQUIPMENT
ARCS OVER, PCBS MAY DECOMPOSE TO PRODUCE HYDROCHLORIC ACID).
INGESTION: CONSULT A PHYSICIAN. DO NOT INDUCE VOMITING OR GIVE ANY
OILY LAXATIVES. (IF LARGE AMOUNTS ARE INGESTED, GASTRIC LAVAGE IS
SUGGESTED).

===== Fire Fighting Measures =====

Flash Point:>141.C, 285.8F

Extinguishing Media:PCBS ARE FIRE-RESISTANT COMPOUNDS.

Fire Fighting Procedures:STANDARD FIRE FIGHTING WEARING APPAREL AND
SELF-CONTAINED BREATHING APPARATUS SHOULD BE WORN WHEN FIGHTING
FIRES THAT INVOLVE POSSIBLE EXPOSURE TO CHEMICAL COMBUSTION
PRODUCTS. FIRE FIGHTING EQUIPMENT SHOULD BE THOROUGHLY CLEANED
AND DECONTAMINATED AFTER USE.

Unusual Fire/Explosion Hazard:IF A PCB TRANSFORMER IS INVOLVED IN A
FIRE-RELATED INCIDENT, THE OIL

NER OF THE TRANSFORMER MAY BE REQUIRED
TO REPORT THE INCIDENT. CONSULT AND FOLLOW APPROPRIATE FEDERAL,
STATE, AND LOCAL REGULATIONS.

===== Accidental Release Measures =====

Spill Release Procedures:CLEANUP & DISPOSAL OF LIQUID PCBS ARE STRICTLY
REGULATED BY THE FEDERAL GOVERNMENT. VENTILATE AREA. CONTAIN
SPILL/LEAK. REMOVE SPILL BY MEANS OF ABSORPTIVE MATERIAL. SPILL
CLEANUP PERSONNEL SHOULD USE PROPER PROTECTIVE CLOTHING. ALL
WASTES AND RE
SIDUES CONTAINING PCBS SHOULD BE COLLECTED,
CONTAINERIZED, MARKED AND DISPOSED OF IN THE MANNER PRESCRIBED BY
EPA, & APPLICABLE STATE AND LOCAL LAWS.

===== Handling and Storage =====

Handling and Storage Precautions:CARE SHOULD BE TAKEN TO PREVENT ENTRY
INTO THE ENVIRONMENT THROUGH SPILLS, LEAKAGE, USE, VAPORIZATION, OR
DISPOSAL OF LIQUID. AVOID PROLONGED BREATHING OF VAPORS OR MISTS.
AVOID CONTACT WITH EYES OR P ROLONGED CONTACT WITH SKIN
. COMPLY
WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.
Other Precautions:FEDERAL REGULATIONS UNDER THE TOXIC SUBSTANCES
CONTROL ACT REQUIRE PCBS, PCB ITEMS, STORAGE AREAS, TRANSFORMER
VAULTS, AND TRANSPORT VEHICLES TO BE MARDED. SEE 40 CFR 761 FOR
DETAILS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH/MSHA APPROVED EQUIPMENT WHEN AIRBORNE
EXPOSURE LIMITS ARE EXCEEDED. FULL FACEPIECE EQUIPMENT IS
RECOMMENDED AND, I
F USED, REPLACES NEED FOR FACE SHIELD AND/OR
CHEMICAL SPLASH GOGGLES. THE R ESPIRATOR USE LIMITATIONS SPECIFIED
BY NIOSH/MSHA OR THE MANUFACTURER MUST BE OBSERVED.
Ventilation:PROVIDE NATURAL OR MECHANICAL VENTILATION TO CONTROL
EXPOSURE LEVELS BELOW AIRBORNE EXPOSURE LEVELS.
Protective Gloves:WEAR APPROPRIATE CHEMICAL RESISTANT GLOVES TO PREVENT
SKIN CONTACT.
Eye Protection:WEAR CHEMICAL SPLASH GOGGLES AND HAVE EYE BATHS
AVAILABLE.
Other Protective Equipment:WEAR APPROPRIAT

E PROTECTIVE CLOTHING.

PROVIDE A SAFETY SHOWER AT ANY LOCATION WHERE SKIN CONTACT CAN OCCUR.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

NONE

===== Physical/Chemical Properties =====

HCC:Z3

Vapor Pres:(MM HG @100F).005-.00006

Viscosity:(CENTISTOKES)3.6-540

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:PCBS ARE VERY STABLE

, FIRE-RESISTANT

COMPOUNDS.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, HYDROGEN CHLORIDE, PHENOLICS, ALDEHYDES AND OTHER TOXIC COMBUSTION PRODUCTS.

===== Disposal Considerations =====

Waste Disposal Methods:CONSULT THE APPLICABLE STATE AND LOCAL REGULATIONS PRIOR TO ANY DISPOSAL OF PCBS OR PCB-CONTAMINATED ITEMS. CONSULT WITH 40 CFR PART 761 FOR FEDERAL REQUIREMENTS.

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