

PHILJET A WITH PFA 55 MB

MSDS Number

BNCMR

National Stock Number

9130-01-305-4097

Product Name

PHILJET A WITH PFA 55 MB

Manufacturer

PHILLIPS 66 COMPANY

Product Identification

Product ID:PHILJET A WITH PFA 55 MB

MSDS Date:08/21/1989

FSC:9130

NIIN:01-305-4097

MSDS Number: BNCMR

Responsible Party

PHILLIPS 66 COMPANY

758 ADAMS BLDG., 4TH & KEELER

BARTLESVILLE , OK 74004

US

Emergency Phone: 918-661-3865(DAY)918-661-8118(NIGHT

Info Phone: 918-661-8327

Cage: 46935

Contractor

PHILLIPS PETROLEUM CO

BARTLESVILLE, OK 74004

US

800-234-6603

Cage: 46935

Ingredients

PARAFFINIC HYDROCARBONS (% INCLUDES INGRED 02 & 03)

Fraction By Weight: 50%

OSHA PEL5 MG/M3 (OIL MIST)

ACGIH TLV: 5 MG/M3 (OIL MIST)

OCTANE

CAS: 111-65-9

RTECS: RG8400000

Fraction By Weight: 1.0%

OSHA PEL500 PPM/375 STEL

ACGIH TLV: 300 PPM/375STEL;9293

NONANE

CAS: 111-84-2

RTECS: RA6115000

Fraction By Weight: 3.0%

OSHA PEL200 PPM

ACGIH TLV: 200 PPM; 9192

NAPHTHENES

Fraction By Weight: 33%

OSHA PEL5 MG/M3 (OIL MIST)

ACGIH TLV: 5 MG/M3 (OIL MIST)

AROMATIC HYDROCARBONS (% INCLUDES INGREDIENTS 06, 07, 08,

Fraction By Weight: 17%

BENZENE (SARA III)

CAS: 71-43-2

RTECS: CY1400000

Fraction By Weight: 0.8%

OSHA PEL1PPM/5STEL;1910.1028

ACGIH TLV: 10 PPM; A2; 9192

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 1.0%

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

P-XYLENE (P-DIMETHYLBENZENE) (SARA III)

CAS: 106-42-3

RTECS: ZE2625000

Fraction By Weight: 1.0%

OSHA PEL100 PPM/150 STEL

ACGIH TLV: 100 PPM/150STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

M-XYLENE (M-DIMETHYLBENZENE) (SARA III)

CAS: 108-38-3

RTECS: ZE2275000

Fraction By Weight: 3.0%

OSHA PEL100 PPM/150 STEL

ACGIH TLV: 100 PPM/150STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

O-XYLENE (O-DIMETHYLBENZENE) (SARA III)

CAS: 95-47-6

RTECS: ZE2450000

Fraction By Weight: 1.4%

OSHA PEL100PPM/150 STEL

ACGIH TLV: 100 PPM/150STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

1,3,5-TRIMETHYLBENZENE

CAS: 108-67-8

RTECS: OX6825000

Fraction By Weight: 1.4%

OSHA PEL25 PPM

ACGIH TLV: 25 PPM

1,2,4-TRIMETHYLBENZENE (SARA III)

CAS: 95-63-6

RTECS: DC3325000

Fraction By Weight: 3.8%

OSHA PEL25 PPM

ACGIH TLV: 25 PPM; 9192

1,2,3-TRIMETHYLBENZENE

CAS: 526-73-8

RTECS: DC3300000

Fraction By Weight: 1.0%

OSHA PEL25 PPM

ACGIH TLV: 25 PPM

2-METHOXYETHANOL (EGME) (SARA III) PHILLIPS TURMS THIS "PFA

CAS: 109-86-4

RTECS: KL5775000

Fraction By Weight: 0.1%

OSHA PELs, 25 PPM

ACGIH TLV: S, 5 PPM; 9192

Hazards

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES
Reports of Carcinogenicity: NTP: YES IARC: YES OSHA: YES
Health Hazards Acute and Chronic: JET FUEL IS MILDLY IRRITATING TO BODY TISSUES. PROLONGED/REPEATED CONTACT MAY INTENSIFY THE IRRITATION. IT IS MINIMALLY TOXIC, PRODUCING CNS EFFECTS, ESPECIALLY IF INHALED.

Explanation of Carcinogenicity: BENZENE MAY PROD. BLOOD CHANGES W/INCLUDE REDUCED PLATELETS, REDUCED RED/WHITE BLOOD CELLS, APLASTIC ANEMIA, & LEUKEMIA.

Effects of Overexposure: EYE: MILDLY IRRITATING SKIN: MILDLY IRRITATING; REPEATED/PROLONGED CONTACT MAY BE SEVERELY IRRITATING TO SKIN. INHAL: MAY CAUSE NAUSEA, HEADACHE AND SEDATION. INGEST: IRRITATING TO INTESTINES. MAY BE ASPIRATED INTO LUNGS PRODUCING PULMONARY EDEMA.

Medical Condition Aggravated by Exposure: NO INFORMATION GIVEN ON MSDS BY SUPPLIER

First Aid

First Aid: EYE: FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN: WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE REUSE. INHALED: REMOVE TO FRESH AIR. RESTORE BREATHING IF NECESSARY. INGESTED: DO NOT INDUCE VOMITING. GIVE 2 LARGE GLASSES OF MILK OR WATER AND GET IMMEDIATE MEDICAL CARE. DOCTOR TO ORDER VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS. IF IRRITATION PERSISTS OR IS SEVERE, SEE A DOCTOR.

Fire Fighting

Flash Point Method: TCC

Flash Point: 100-150F/38-66C

Extinguishing Media: DRY CHEMICAL, FOAM OR CARBON DIOXIDE (CO2)

Fire Fighting Procedures: EVACUATE AREA. SHUT OFF SOURCE, IF POSSIBLE.

WEAR APPROPRIATE FIRE FIGHTING EQUIPMENT. WATER MAY BE USED TO COOL EXPOSED CONTAINERS. DO NOT SPRAY WATER DIRECTLY.

Unusual Fire/Explosion Hazard: PRODUCT WILL FLOAT & COULD BE REIGNITED ON SURFACE OF WATER. CARBON OXIDES & VARS. HYDROCARBONS FORMED WHEN BURNED. COMBUST. VAPORS MAY ACCUM. & FLASH/EXPLD W/IGN.

Accidental Release

Spill Release Procedures: EVACUATE UNPROTECTED PERSONNEL. WEAR PROTECTIVE EQUIP OR GARMENTS. SHUT OFF SOURCE, IF POSSIBLE & CONTAIN SPILL. PROTECT FROM IGNITION. KEEP OUT OF WATER SOURCES & SEWERS. ABSORB IN AN INERT MATERIAL. TRANSFER TO DISPOSAL DRUMS USING NON SPARK EQUIPMENT

Neutralizing Agent: NONE

Handling

Handling and Storage Precautions: STORE IN COOL, VENTILATED AREA AWAY FROM IGNITION SOURCES. BOND/GROUND DURING LIQ. TRANSFER. KEEP CONTAINERS CLOSED. PROVIDE CONTROL FOR SPILLS.

Other Precautions: DO NOT GET IN EYES, SKIN, OR CLOTHING. DO NOT BREATHE VAPORS. WEAR PROTECTIVE EQUIPMENT IF CONDITIONS WARRANT. WASH THOROUGHLY AFTER HANDLING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Exposure Controls

Respiratory Protection: FOR CONCENT. EXCEEDING EXPOSURE LEVEL USE NIOSH/MSHA APPROVED AIR PURIFYING RESP. FOR UNKNOWN CONCENT. USE A NIOSH/MSHA APPROVED SUPPLIED AIR RESPIRATOR. IF CONDITION

IMMEDIATELY DANGEROUS TO LIFE USE NIOSH/MSHA APPROVED S.C.B.A.

Ventilation: USE ADEQUATE VENTILATION TO CONTROL BELOW EXPOSURE LEVELS

Protective Gloves: POLYVINYL ALCOHOL OR NITRILE GLOVES

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS
Other Protective Equipment:USE PROTECTIVE GARMENTS TO PREVENT EXCESSIVE SKIN CONTACT
Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.
Supplemental Safety and Health
NONE

Chemical Properties

HCC:F4
Boiling Pt:B.P. Text:300F,149C
Vapor Pres:Spec Gravity:0.775-0.840
Evaporation Rate & Reference:Solubility in Water:NEGLIGIBLE
Appearance and Odor:COLORLESS LIQUID WITH MILD ODOR
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
OXYGEN AND STRONG OXIDIZING AGENTS
Stability Condition to Avoid:MFR SAID "NOT APPLICABLE" IN THIS FIELD.
Hazardous Decomposition Products:CARBON OXIDES AND VARIOUS HYDROCARBONS FORMED WHEN BURNED.

Disposal

Waste Disposal Methods:INCINERATE OR OTHERWISE MANAGE AT A RCRA PERMITTEDWASTE MANAGEMENT FACILITY.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.