

PHILLIPS CHEMICAL COMPANY -- PETROLEUM ETHER 30-60 C -- 6810-00-584-3079

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Product Identification
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Product ID:PETROLEUM ETHER 30-60 C

MSDS Date:10/01/1985

FSC:6810

NIIN:00-584-3079

MSDS Number: BFGKQ

=== Responsible Party ===

Company Name:PHILLIPS CHEMICAL COMPANY

Address:758 ADAMS BLDG

City:BARTLESVILLE

State:OK

ZIP:74004

Country:US

Info Phone Num:918-661-6600

Emergency Phone Num:918-66

1-3865/8118

CAGE:FO153

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:PHILLIPS CHEMICAL CO/BARTLESVILLE, OK 74004

CAGE:FO153

Company Name:PHILLIPS PETROLEUM CO

Address:613 ADAMS

Box:City:BARTLESVILLE

State:OK

ZIP:74004

Country:US

Phone:800-234-6603

CAGE:46935

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Composition/Information on Ingredients
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Ingred Nam

e:PENTANE
CAS:109-66-0
RTECS #:RZ9450000
Fraction by Wt: 72.8%
OSHA PEL:1000 PPM/750 STEL
ACGIH TLV:600 PPM/750STEL;9293

Ingred Name:ISOHEXANE
CAS:107-83-5
RTECS #:SA2995000
Fraction by Wt: 2.3%

Ingred Name:3-METHYL PENTANE
CAS:96-14-0
RTECS #:SA2995500
Fraction by Wt: 5.4%

Ingred Name:CYCLOPENTANE
CAS:287-92-3
RTECS #:GY2390000
Fraction by Wt: 2.5%
OSHA PEL:600 PPM
ACGIH TLV:600 PPM; 9192

Ingred Name:NEOHEXANE
CAS:75-83-2
RTECS #:EJ9300000
Fraction by Wt: 3.5%

Ingred Name:2,3-DIMETHYLBUTAN
E
CAS:79-29-8
RTECS #:EJ9350000
Fraction by Wt: 3.4%

Ingred Name:ISOPENTANE
CAS:78-78-4
RTECS #:EK4430000
Fraction by Wt: 1.7%

Ingred Name:CIS-2-PENTENE
CAS:627-20-3
Fraction by Wt: 0.1%

Ingred Name:HEXANE (N-HEXANE)
CAS:110-54-3
RTECS #:MN9275000
Fraction by Wt: 0.2%
OSHA PEL:500 PPM
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:OTHER COMPONENTS (TYPE NOT SPECIFIED)
Fraction by Wt: 0.1%

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

Routes of E

ntry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: OVEREXPOSURE MAY LEAD TO CENTRAL NERVOUS SYSTEM DEPRESSION, LEADING TO IRRITATION, HEADACHE, NAUSEA, DIZZINESS, FATIGUE, CONFUSION AND UNCONSCIOUSNESS. EYE: MAY LEAD TO IRRITATION. SKIN: MAY LEAD TO DERMATITIS. INGESTION: MAY LEAD TO VOMITING. CHRONIC: REPEATED AND PROLONGED SKIN CONTACT MAY CAUSE DERMATITIS.

Explanation of Carcinogenicity

:DATA PER MSDS

Effects of Overexposure:OVEREXPOSURE MAY LEAD TO RESPIRATORY IRRITATION, NAUSEA, FATIGUE, DIZZINESS, HEADACHES, UNCONSCIOUSNESS, DERMATITIS AND EYE IRRITATION.

Medical Cond Aggravated by Exposure:PERSONS WITH A SKIN DISORDER SHOULD USE CAUTION WHEN HANDLING OR USING THIS PRODUCT.

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

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

INHALATION: REMOVE TO FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION. EYE : IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION: GET IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS.

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

Flash Point:=-45.6C, -50.F

Lower Limits:1.1

Upper Limits:5.9

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:HIGHLY FLAM VAPORS,HEAVY THAN AIR,MAY ACCUM IN LOW AREAS & SPREAD ALONG GROUND AWAY FROM SITE

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

Spill Release Procedures:MINOR: ABSORB MATERIAL WITH CLAY, VERMICULITE, OR SIMILAR

ABSORBENT MATERIAL. PLACE IN DISPOSAL CONTAINERS. MAJOR:
DIKE & CONTAIN SPILL. ELIMINATE SOURCES OF IGNITION. SHUT OFF
LEAKS. REMOVE LIQUID BY VACUUM OR ABSORBENT.

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Handling and Storage
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Handling and Storage Precautions:STORE IN A COOL, VENTILATED WORK AREA.
KEEP CONTAINERS CLOSED WHEN NOT IN USE. COMBUSTIBLE LIQUID; EMPTY
CONTAINERS CAN BE HAZARDOUS.
Other Precautions:AVOID CONTACT WITH EYES AND SKIN.DO NOT BREATHE
VAPORS/MIST.

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Exposure Controls/Personal Protection
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Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR. AIR-SUPPLIED
OR FILTERING TYPE WITH ORGANIC VAPOR CARTRIDGES ARE RECOMMENDED.
Ventilation:LOCAL AND MECHANICAL EXHAUST RECOMMENDED. AVOID OPEN
ELECTRICAL SOURCES NEAR PRODUCT VAPOR AREAS.
Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL
Eye Protection:USE CHEMICAL SAFETY GOGGLES & FACESHIELD
Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT.
WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK
AREA.

Supplemental Safety and Health
FLAMMABLE LIQUID;KEEP AWAY FROM HEAT,OPEN FLAMES AND SPARKS.

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Physical/Chemical Properties
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HCC:F2
Boiling Pt:=37.2C, 98.1F
Vapor Pres:13.8
Vapor Density:2.5
Spec Gravity:0.643
Evaporation Rate & Reference:>1.0 (N-BUTYL ACETATE=1)
Solubility in Water:NEGLIGIBLE
Appearance and
Odor:CLEAR LIQUID;MILD GASOLINE ODOR
Percent Volatiles by Volume:100

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES
OXYGEN & STRONG OXIDIZERS
Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND
OTHER HYDROCARBON COMPOUNDS DURING COMBUSTION.

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Disposal Considerations
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Waste Disposal Methods:WASTE

MAY BE BURNED IN AN APPROVED INCINERATOR
OR DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND
FEDERAL LAWS AND REGULATIONS.

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