

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:04/20/1993

FSC:6810

NIIN:00-584-3079

MSDS Number: BWCXZ

=== 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:HOC INDUSTRIES, INC

Address:3511 N. OHIO

Box:2609

City:WICHITA

State:KS

ZIP:67219

Country:US

Phone:316-838-4663

CAGE:0A9L8

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 Name:PENTANE  
CAS:109-66-0  
RTECS #:RZ9450000  
Fraction by Wt: 72.8%  
OSHA PEL:1000 PPM  
ACGIH TLV:600 PPM/750STEL;9394

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  
A  
CGIH TLV:600 PPM; 9394

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

Ingred Name:2,3-DIMETHYLBUTANE  
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:OTHER COMPONENTS (TYPE NOT SPECIFIED)  
Fraction by Wt: 0.1%

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO O

SHA:NO

Health Hazards Acute and Chronic:ACUTE: INHALATION MAY CAUSE CNS, RESPIRATORY & CARDIAC EFFECTS. INGESTION MAY CAUSE CNS DEPRESSION; ASPIRATION MAY CAUSE INFLAMMATION OF LUNGS. CONTACT MAY CAUSE EYE IRRITATION. CHRONIC: PROLONGED OR REPEATED EXPOSURE MAY CAUSE SKIN IRRITATION.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:INHALED: DIZZINESS, DISORIENTATION, HEADACHE, EXCITEMENT, DROWSINESS, INCOORDINATION, HYPERSENSITIVITY, TREMORS, HYPERACTIVITY, ANESTHESIA, RESPIRATORY AND CARDIAC EFFECTS. EYES: PAIN, INFLAMMATION, REDNESS, TEARING. SKIN: DRYING, REDNESS,SWELLING, BLISTERING. INGESTED: SEE INHALED.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:SKIN-WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS. INHALATION-REMOVE TO FRESH AIR & RESTORE BREATHING IF NECESSARY. GET IMMEDIATE MEDICAL ATTENTION. EYES-FLUSH WITH WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION. INGESTION-GET IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING.

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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. DO NOT SPRAY WATER DIRECTLY, PRODUCT FLOATS, MAY REIGNITE.

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 FLAMMABLE VAPORS, HEAVIER THAN AIR, MAY ACCUMULATE IN LOW AREAS & SPREAD ALONG GROUND AWAY FROM SITE.

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

Spill Release Procedures:EVACUATE ALL UNECESSARY PERSONNEL. WEAR PROPER PROTECTIVE EQUIPMENT.

CTIVE CLOTHING. SHUT OFF SOURCE IF NO PERSONAL RISK. CONTAIN  
SPILL. ELIMINATE ALL SOURCES OF IGNITION. KEEP OUT OF WATER SOURCES  
& SEWERS. ABSORB ON DRY, INERT MATERIAL. TRANSFER TO CONTAINERS.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED  
PLACE AWAY FROM SOURCES OF IGNITION AND INCOMPATIBLE MATERIALS.  
STORE IN A TIGHTLY CLOSED CONTAIN  
ER.

Other Precautions:AVOID CONTACT WITH EYES AND SKIN. BREATHING VAPORS,  
MIST, FUMES. DO NOT SWALLOW. USE WITH ADEQUATE VENTILATION. BOND &  
GROUND DURING TRANSFER OPERATIONS.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF ENGINEERING CONTROLS  
FAIL OR NON-ROUTINE USE OR EMERGENCY OCCURS; USE NIOSH/MSHA  
APPROVED SUPPLIED AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29  
CFR 1910.134 AND MANUFACTURER'S RECO  
MMENDATIONS.

Ventilation:USE ADEQUATE EXPLOSION-PROOF MECHANICAL VENTILATION OR  
LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

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  
LAUNDER CONTAM

INATED CLOTHES BEFORE REUSE. ENVIRONMENTAL: TSCA-YES;  
SARA III SECTION 313 & 40 CFR 372-NONE.

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

HCC:F2

Boiling Pt:=37.C, 98.6F

Vapor Pres:707 MM HG

Vapor Density:2.5

Spec Gravity:0.643

Evaporation Rate & Reference:>1 (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 =====

Stability Indicator/Materials to Avoid: YES

OXYGEN & STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: NOT APPLICABLE.

Hazardous Decomposition Products: CARBON OXIDES AND OTHER HYDROCARBON COMPOUNDS FORMED WHEN BURNED.

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

Waste Disposal Methods: INCINERATE OR OTHERWISE MANAGE IN RCRA PERMITTED WASTE MANAGEMENT FACILITY. EPA/RCRA WASTE NUMBER D001 MAY APPLY TO UNUSED/UNCONTAMINATED PRODUCT. PRIOR TO DISPOSAL, FIND OUT IF THE TCLP, EPA METHOD 1311 IS REQUIRED. REFERENCE 40 CFR 261.

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