

PHILLIPS 66 COMPANY -- PETROLEUM ETHER 30-60 C,BL 6700,000021 -- 6810-00-584-3079  
===== Product Identification =====

Product ID:PETROLEUM ETHER 30-60 C,BL 6700,000021

MSDS Date:04/30/1993

FSC:6810

NIIN:00-584-3079

MSDS Number: BXPVC

=== Responsible Party ===

Company Name:PHILLIPS 66 COMPANY

Address:758 ADAMS BLDG

City:BARTLESVILLE

State:OK

ZIP:74004

Country:US

Info Phone Num:918-661-8327/714-864-

2310

Emergency Phone Num:918-661-3865/8118

Resp. Party Other MSDS Num.:US027700

CAGE:46935

=== 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

Contract Num:SP0450-00-M-SB09

CAGE:0A9L8

Company Name:PHILLIPS 66 COMPANY(DIVISION OF PHILL

IPS PETROLEUM CO)  
Address:699 ADAMS BLDG 411 KEELER ST  
Box:City:BARTLESVILLE  
State:OK  
ZIP:74004  
Country:US  
Phone:918-661-8327  
CAGE:6Y142

Company Name:PHILLIPS PETROLEUM CO  
Address:613 ADAMS  
Box:City:BARTLESVILLE  
State:OK  
ZIP:74004  
Country:US  
Phone:800-234-6603  
CAGE:46935

Company Name:PHOENIX INDUSTRIES INC  
Address:11711 S ALAMEDA ST  
Box:54083  
City:LOS ANGELES  
State:CA  
ZIP:90054  
Country:US  
Phone:213-564-5711  
CAGE:0MLP0

Company Name:PHOENIX INDUSTRIES INC  
Address:1519 CHAMBERLAYNE PARKWAY  
Box:City  
:RICHMOND  
State:VA  
ZIP:23222  
Country:US  
Phone:804-264-5183/FAX: 264-5535  
Contract Num:SP0450-99-MNK27  
CAGE:0YED2

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

Ingred Name:PETROLEUM ETHER 30-60 C (100%), INCLUDES THE FOLLOWING  
INGREDIENTS:CAS:68476-50-6  
Fraction by Wt: SEE ING  
Other REC Limits:NONE RECOMMENDED

Ingred Name:PENTANE/N-PENTANE  
CAS:109-66-0  
RTECS #:RZ9450000  
= Wt:72.8  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1000 PPM  
ACGIH TLV:600 PPM/750STEL;9495

Ingr

ed Name:ISOHEXANE/2-METHYLPENTANE  
CAS:107-83-5  
RTECS #:SA2995000  
= Wt:10.9  
Other REC Limits:NONE RECOMMENDED

Ingred Name:3-METHYL PENTANE  
CAS:96-14-0  
RTECS #:SA2995500  
= Wt:5.4  
Other REC Limits:NONE RECOMMENDED

Ingred Name:CYCLOPENTANE  
CAS:287-92-3  
RTECS #:GY2390000  
= Wt:1.  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:600 PPM  
ACGIH TLV:600 PPM; 9495

Ingred Name:NEOHEXANE/2,2-DIMETHYLBUTANE  
CAS:75-83-2  
RTECS #:EJ9300000  
= Wt:3.7  
Other REC Limits:NONE RECOMMENDED

Ingred Name:2,3-DIMETHYLBUTANE  
C  
AS:79-29-8  
RTECS #:EJ9350000  
= Wt:3.9  
Other REC Limits:NONE RECOMMENDED

Ingred Name:ISOPENTANE  
CAS:78-78-4  
RTECS #:EK4430000  
= Wt:1.9  
Other REC Limits:NONE RECOMMENDED

Ingred Name:RELATED COMPONENTS  
= Wt:.4  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LC50 (ORAL, RAT) >2822 PPM PETROL ETHER  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acu

te and Chronic: EYE: EXPOSURE TO THE LIQUID OR PROLONGED OVEREXPOSURE TO HIGH VAPOR CONCENTRATIONS MAY CAUSE MILD EYE IRRITATION INCLUDING PAIN, INFLAMMATION OF THE IRIS AND MUCOUS MEMBRANES, REDNESS AND TEARING. SKIN: PROLONGED OR REPEATED SKIN CONTACT WITH THE LIQUID MAY CAUSE DEFATTING RESULTING IN DRYING, REDNESS, SWELLING AND POSSIBLY BLISTERING. PROLONGED OVEREXPOSURE TO HIGH VAPOR CONCENTRATIONS MAY CAUSE MILD MUCOUS MEMBRANE IRRITATION. INHALATION: HIGH CONCENTRATIONS OF VAPORS MAY CAUSE CNS DEPRESSION, UNCONSCIOUSNESS & DEATH. INGESTION: CNS DEPRESSION, HEMORRHAGING, DIARRHEA; ASPIRATION HAZARD.

Explanation of Carcinogenicity: NONE

Effects of Overexposure: EYE: MILD EYE IRRITATION INCLUDING PAIN, INFLAMMATION OF THE IRIS AND MUCOUS MEMBRANES, REDNESS AND TEARING. SKIN: LIQUID MAY CAUSE DEFATTING RESULTING IN DRYING, REDNESS, SWELLING AND POSSIBLY BLISTERING. PROLONGED OVEREXPOSURE TO HIGH VAPOR CONCENTRATIONS MAY CAUSE MILD MUCOUS MEMBRANE IRRITATION. INHALATION: HIGH VAPOR CONCENTRATIONS MAY CAUSE DIZZINESS, DISORIENTATION, HEADACHE, EXCITEMENT, DROWSINESS, INCOORDINATION, HYPERSENSITIVITY, TREMORS, HYPERACTIVITY, ANESTHESIA, HEADACHE, DIZZINESS, NAUSEA. INGESTION: CNS DEPRESSION, DIARRHEA, ASPIRATION INTO LUNGS MAY CAUSE CHEMICAL PNEUMONITIS.

Medical Condition Aggravated by Exposure: PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE PROBLEMS OR IMPAIRED CNS OR RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid: EYE: FLUSH EYES WITH RUNNING WATER FOR AT LEAST FIFTEEN MINUTES. IF IRRITATION OR ADVERSE SYMPTOMS DEVELOP, SEEK MEDICAL ATTENTION. SKIN: WASH SKIN WITH SOAP AND WATER FOR AT LEAST FIFTEEN MINUTES. IF IRRITATION OR ADVERSE SYMPTOMS DEVELOP, SEEK MEDICAL ATTENTION. INHALATION: REMOVE FROM EXPOSURE. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF BREATHING CEASES, ADMINISTER ARTIFICIAL RESPIRATION FOLLOWED BY OXYGEN. SEEK IMMEDIATE MEDICAL ATTENTION. INGESTION DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION.

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

Flash Point: -45.6C, -50.F

Lower Limits: 1.1

Upper Limits: 5.9

Extinguishing Media: FOAM, DRY CHEMICAL, CARBON DIOXIDE. DO NOT SPRAY WATER DIRECTLY ON FIRE. PRODUCT WILL FLOAT AND COULD BE REIGNITED ON SURFACE OF WATER.

Fire Fighting Procedures: EVACUATE AREA OF UNNECESSARY

SARY PERSONNEL. WEAR

FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE-EXPOSED CONTAINER WITH WATER. SHUT OFF SOURCE IF POSSIBLE.

Unusual Fire/Explosion Hazard:CARBON OXIDES AND VARIOUS HYDROCARBONS FORMED WHEN BURNED. HIGHLY FLAMMABLE VAPORS WHICH ARE HEAVIER THAN AIR MAY ACCUMLATE IN LOW AREAS AND OR SPREAD ALONG GROUND AWAY FROM HANDLING SITE.

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

Spill Release Pro

cedures:SPILL-EVACUATE AREA OF ALL UNNECESSARY PERSONNEL. WEAR PROTECTIVE EQUIPMENT AND/OR GARMENTS DESCRIBED IN SECTION C IF EXPOSURE CONDITIONS WARRANT. SHUT OFF SOURCE, IF POSSIBLE AND CONTAIN SPILL. PROT ECT FROM IGNITION. KEEP OUT OF WATER SOURCES AND SEWERS. ABSORB IN DRY, INERT MATERIAL (SAND, CLAY, ETC.) TRANSFER TO DISPOSAL DRUMS USING NON-SPARKING EQUIPMENT..

Neutralizing Agent:NOT RELEVANT

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

H

Handling and Storage Precautions:AVOID CONTACT WITH EYES, SKIN OR CLOTHING. AVOID BREATHING VAPORS, MIST, SUME OR DUST. DO NOT SWALLOW. MAY BE ASPIRATED INTO LUNGS. WEAR PROTECTIVE EQUIPMENT OR GARMENTS DESCRIBED IN SECTION C IF EXP OSURE CONDITIONS WARRANT. WASH THOROUGHLY AFTER HANDLING. LAUNDER CONTAMINATED CLOTHING

Other Precautions:HIGHLY FLAMMABLE. AVOID BREATHING VAPORS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING O

R DRINKING. REMOVE CONTAMINATED CLOTHING PROMPTLY. LAUNDER BEFOR E REUSE.

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

Respiratory Protection:NOT GENERALLY REQUIRED UNLESS NEEDED TO PREVENT RESPIRATORY IRRITATION. IN CASE OF SPILL OR LEAK RESULTING IN UNKNOWN CONCENTRATION, USE NIOSH/MSHA APPROVED SUPPLIED AIR RESPIRATOR.

Ventilation:USE ADEQUATE VENTILATION TO CONTROL CONCENTRATION BELOW RECOMMENDED EXPOSURE LIMITS.

Protective Gloves:USE GLOVES IMPER

VIIOUS TO THE MATERIAL BEING USED.

Eye Protection:USE CHEMICAL GOGGLES.

Other Protective Equipment:NO SPECIAL GARMENTS REQUIED. WEAR PROTECTIVE EQUIPMENT AND/OR GARMENTS IF EXPOSURE CONDITIONS WARRANT.

Work Hygienic Practices:AVOID UNNECESSARY SKIN CONTAMINATION WITH MATERIAL. WASH THOROUGHLY AFTER HANDLING. LAUNDER CONTAMINATED CLOTHING, BEFORE REUSE.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATIONS, SEE PNI A AND B, SAME NSN.

NOTE TO PHYSICIAN: DO NOT IN

DUCE VOMITING. ASPIRATION OF LIQUID

INTO THE LUNGS COULD RESULT IN CHEMICAL PNEUMONITIS. GASTRIC LAVA GE USING A CUFFED ENDOTRACHEAL TUBE MAYBE PERFORMED AT YOUR DESCRETION.

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

HCC:F2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=37.2C, 99.F

B.P. Text:99F - 133F

Vapor Pres:714 @ 100F

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

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS AND OXYGEN

Hazardous Decomposition Products:CARBON OXIDES AND VARIOUS HYDROCARBONS FORMED WHEN BURNED.

===== Toxicological Information =====

Toxicological Information:IN SUBCHRONIC ORAL LABORATORY STUDIES

2-METHYLPENTANE HAS PRODUCED KIDNEY DAMAGE IN MA

LE RATS ONLY. NO  
COMARABLE KIDNEY INJURY HAS BEEN REPORTED IN HUMANS.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE  
FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. INCINERATE IN  
APPROVED FACILITY. DO NOT INCINERATE CLOSED CONTAINER.

===== MSDS Transport Information =====

Transport Information:PSN: PETROLEUM DISTILLATES, N.O.S, 3, UN1268, II.

===== Regulatory Information =====

SARA Title III Information:RCRA CLASSIFIACATION: D001 (IGNITABLE). THIS  
PRODUCT DOES NOT CONTAIN A CHEMCAL OR CHEMICALS SUBJECT TO THE  
REPORTING REQUIREMENTS OF SECTION 313 TITLE III AND 40 CFR PART  
372. HAZARD CALSSIFICATION: FLAMMABLE LIQUID= YES; HEALTH HAZARD  
(SEC F)=YES;

Federal Regulatory Information:THIS PRODUCT AND IT'S COMPONENTS ARE  
LISTED ON THE TSCA INVENTORY.

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mpiling agencies):

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