

PHILLIPS 66 COMPANY -- HYDROCARBON FLUID-TYPE III -- 6850-00-754-2670

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Product Identification  
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Product ID:HYDROCARBON FLUID-TYPE III

MSDS Date:08/31/1995

FSC:6850

NIIN:00-754-2670

MSDS Number: CFYDQ

=== Responsible Party ===

Company Name:PHILLIPS 66 COMPANY

Address:758 ADAMS BLDG

City:BARTLESVILLE

State:OK

ZIP:74004

Country:US

Info Phone Num:918-661-9091/7297

Emergency Phone Num:918-661

-8118

CAGE:46935

=== Contractor Identification ===

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 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:2,2,4-TRIMETHYLPENTANE (ISO-OCTANE) (CERCLA)

CAS:540-81-1

RTECS #:SA3320000

Fraction by Wt: 65%

Other REC Limits:NONE RECOMMENDED

Ingred Name:TOLUENE (SARA 313) (CERCLA)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 35%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:200 PPM; Z-2

ACGIH TLV:S, 50 PPM; 9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute

and Chronic:TARGET ORGANS:EYE, SKIN, CNS, LIVER,

KIDNEY, RESPIRATORY & GI TRACTS- MAY CAUSE EYE IRRITATION. MAY CAUSE MILD SKIN IRRITATION. INGESTION MAY CAUSE CNS DEPRESSION, LIVER & KIDNEY DAMAGE, VOMITING. ASP IRATION INTO LUNGS MAY CAUSE LUNG DAMAGE. EXCESSIVE INHALATION MAY CAUSE CNS EFFECTS, COMA, DEATH. CHRONIC- DERMATITIS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, DRY SKIN, TEARING, BLURRED VISION, REDNESS, DEFATTING, DERMATITIS, HEA

DACHE, DIZZINESS, WEAKNESS,

FATIGUE, NAUSEA, VOMITING, DIARRHEA, UNCONSCIOUSNESS, DEATH

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING

DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, LIVER, KIDNEY, CNS MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:IMMEDI

ATELY FLUSH WITH

WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION. NOTE TO PHYSICIAN: GASTRIC LAVAGE USING A CUFFED ENDOTRACHEAL TUBE MAY BE PERFORMED AT YOUR DISCRETION.

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

Flash Point Method:TCC

Flash Point:18.0F,-7.8C

Extinguishing Media:USE FOAM, DRY CHEMICAL/CARBON DIOXIDE. DON'T USE DIRECT STREAM OF WATER. PRODUCT WILL F

LOAT AND CAN BE REIGNITED.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A NIOSH-APPROVED SELF CONTAINED BREATHING APPARATUS OPERATED IN POSITIVE PRESSURE MODE. COOL CONTAINER WITH WATER.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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

Spill Release Pr

cedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. REMOVE SPILL WITH EXPLOSION-PROOF PUMP/NON-FLAMMABLE ABSORBENT SUCH AS SAND/CLAY. PLACE IN CONTAINER FOR DISPOSAL. PREVENT LIQ UID FROM ENTERING SEWERS OR WATERWAYS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN TIGHTLY CLOSED CONTAINERS IN VENTILATED AREA AWAY FROM IGNITION SOURCES & STRONG OXIDIZERS.

KEEP OUT OF REACH OF CHILDREN.

Other Precautions:FLAMMABLE. "EMPTY" CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER OR DRILL. AVOID BREATHING VAPORS. DO NOT GET IN EYE, ON SKIN OR ON CLOTHING. AVOID DIRECT SUN. DO NOT INGEST.

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

Respiratory Protection:IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR OR AIR-SUPPLI

ED RESPIRATOR. IN EMERGENCY, WEAR A NIOSH-APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREAT HING APPARATUS.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NITRILE RUBBER OR POLYVINYL

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWERS SHOULD BE AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE. LAB COAT

Work Hygienic Pra

ctices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES. WASH AFTER HANDLING AND BEFORE EATING OR  
DRINKING.

Supplemental Safety and Health  
DIFFERENT FORMULA.

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

HCC:F2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:211F - 231F

Vapor Pres:78 @ 100F

Vapor Density:3.69

Spec Gravity:0.746

Evaporation Rate & Reference: