

EXXON CHEMICAL COMPANY, DIVISION EXXON CORP -- ISOPAR M SOLVENT -- 9150-01-261-4688

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Product Identification
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Product ID:ISOPAR M SOLVENT

MSDS Date:05/23/1996

FSC:9150

NIIN:01-261-4688

Status Code:A

MSDS Number: CJRHF

=== Responsible Party ===

Company Name:EXXON CHEMICAL COMPANY, DIVISION EXXON CORP

Address:UNK

Box:3272

City:HOUSTON

State:TX

ZIP:77253-3272

Country:US

Info Phone Num:281-8

70-6000\281-870-6884

Emergency Phone Num:800-726-2015

Resp. Party Other MSDS Num.:92545635

Chemtrec Ind/Phone:(800)424-9300

CAGE:TO317

=== Contractor Identification ===

Company Name:EXXON CHEMICAL COMPANY, DIVISION EXXON CORP

Box:3272

City:HOUSTON

State:TX

ZIP:77253-3272

Country:US

Phone:800-726-2015/281-870-6000;-6884

CAGE:TO317

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:SP0450-99-MB305

CAGE:0A9L8

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Composition/Information on Ingredients
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Ingred Name:SYNTHETIC ISOPARAFFINIC HYDROCARBON

CAS:64742-47-8

Other REC Limits:300 PPM BY EXXON

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Hazards Identification
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LD50 LC50 Mixture:LD50 (ORAL RAT) IS >6G/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE; EYE CONTACT:SLIGHTLY IRRITATING
BUT DOES NOT INJURE EYE TISSUE. SK

IN CONTACT: FREQUENT OR PROLONGED

CONTACT MAU IRRITATE AND CAUSE DERMATITIS. LOW ORDER OF TOXICITY.
INHALATION: HIGH VAPOR/AER OSOL CONCENTRATIONS (GREATER THAN 700
PPM, ATTAINABLE AT ELEVATED TEMPERATURES WELL ABOVE AMBIENT) ARE
IRRITATING TO EYES AND RESPIRATORY TRACT AND MAY CAUSE CENTRAL
NERVOUS SYSTEM EFFECTS INCLUDING D EATH. INGESTION: MINIMAL
TOXICITY. SMALL AMOUNTS ASPIRATED INTO LUNGS MAY CAUSE SEVERE
PULMONARY INJURY, POSSIBLY PROGRESSING TO DEATH. CHRONIC

:
DERMATITIS.

Explanation of Carcinogenicity:PER MSDS DARA.

Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION, DERMATITIS.

INHALATION: RESPIRATORY TRACT IRRITATION, HEADACHES, DIZZINESS,
ANESTHESIA, DROWSINESS, UNCONSCIOUSNESS, OTHER CNS EFFECTS
INCLUDING DEATH. INGESTION: M INIMAL TOXICITY. SMALL AMOUNTS
ASPIRATED INTO RESPIRATORY SYSTEM DURING INGESTION OR VOMITING MAY
CAUSE SEVERE PULMONARY INJURY , POSSIBLY PROGRESSING TO DEATH.

Medical Cond Aggravated by Exp

osure:SKIN CONTACT MAY AGGRAVATE AN
EXISTING DERMATITIS CONDITION.

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First Aid Measures
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First Aid:EYE CONTACT: FLUSH WITH LARGE AMOUNTS OF WATER UNTIL
IRRITATION SUBSIDES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.
SKIN CONTACT: FLUSH WITH LARGE AMOUNTS OF WATER: USE SOAP IF
AVAILABLE. REMOVE CONTAMINATED CLOTHING, INCLUDING SHOES. LAUNDRER
BEFORE REUSE. INHALATION: MOVE TO FRESH AIR. ADMINISTER ARTIFICIAL
RESPIRATION

IF BREATHING IS STOPPED. KEEP AT REST. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. KEEP AT REST. GET MEDICAL ATTENTION.

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

Flash Point Method:PMCC

Flash Point:=80.6C, 177.F

Autoignition Temp:=337.8C, 640.F

Lower Limits:1.3%

Upper Limits:8.8%

Extinguishing Media:USE FOAM, DRY CHEMICAL, WATER SPRAY.

Fire Fighting Procedures:USE WATER SPRAY TO COOL FIRE EXPOSED SURFACES.

ISOLATE FUEL SUPPLY FROM FIRE. AV

OID SPRAYING WATER DIRECTLY INTO

STORAGE CONTAINERS DUE TO DANGER OF BOILOVER.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR, MAY SETTLE

AT LOW AREAS OR TRAVEL SOME DISTANCE ALONG THE GROUND TO IGNITION

SOURCES WHERE THEY MAY IGNITE OR EXPLODE.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. PREVENT LIQUID

FROM ENTERING SEWERS, WATERCOURSES, LOW AREAS. CONTAIN LIQUID WITH

SAND, EARTH. RECOV

ER BY PUMPING (USE EXPLOSION PROOF OR HAND PUMP.)

OR WITH SUITABLE ABSOR BENT. WATER SPILLS: ELIMINATE IGNITION

SOURCES. WARN AREAS OF FIRE/EXPLOSION HAZARD. REMOVE FROM SURFACE

BY SKIMMING OR WITH ABSORBENT, IF ALLOWED, BY SINKING AND

DISPERSANTS IN NON-CONFINED WATERS.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED

AREA AWAY FROM INCOMPATIBLES. KEE

P CONTAINERS CLOSED. DO NOT

HANDLE OR STORE NEAR OPEN FLAME, HEAT, SOURCES OF IGNITION. PROTECT

FROM DIRECT SUNLIGHT AND PHYSICAL DAMAGE. USE PROPER GROUNDING

PROCEDURES.

Other Precautions:EMPTY CONTAINERS RETAIN RESIDUE. DO NOT PRESSURIZE,

CUT, WELD OR EXPOSE TO HEAT, FLAME, STATIC ELECTRICITY, OR OTHER

SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY. DO NOT

REUSE EMPTY CONTAINERS WITHOUT COMMERCIAL CLEANING OR

RECONDITIONING.

===== Exposure Contr

ols/Personal Protection =====

Respiratory Protection:WHERE EXPOSURE CONCENTRATIONS IN AIR MAY EXCEED LIMITS, NIOSH/MSHA APPROVED RESPIRATORS MAY BE NECESSARY TO PREVENT OVEREXPOSURE BY INHALATION. EXXON RECOMMENDS OCCUPATIONALL EXPOSURE LIMITS OF 300 P PM TOTAL HYDROCARBON BASED ON COMPOSITION.

Ventilation:MECHANICAL DILUTION VENTILATION IS RECOMMENDED WHENEVER THIS PRODUCT IS USED IN A CONFINED SPACE, IS HEATED ABOVE AMBIENT TEMPERATURE OR IGNITED.

Protective Glov

es:CHEMICAL RESISTANT GLOVES.

Eye Protection:WHERE CONTACT MAY OCCUR, WEAR SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment:LONG SLEEVES.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

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

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HCC:V4

Boiling Pt:B.P. Text:~424 - 484F

Melt/Freeze Pt: