

EXXON CHEMICAL AMERICAS/A DIV OF EXXON CORP -- ISOPAR L -- 9150-01-123-0298

===== Product Identification =====

Product ID:ISOPAR L

MSDS Date:05/19/1991

FSC:9150

NIIN:01-123-0298

Status Code:A

MSDS Number: CKPDK

=== Responsible Party ===

Company Name:EXXON CHEMICAL AMERICAS/A DIV OF EXXON CORP

Address:13501 KATY FWY

Box:3272

City:HOUSTON

State:TX

ZIP:77079-3272

Country:US

Info Phone Num:713-584-760

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Emergency Phone Num:713-870-6000

Resp. Party Other MSDS Num.:92842637

Chemtrec Ind/Phone:(800)424-9300

CAGE:72190

=== Contractor Identification ===

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address:2210 HACKBERRY LN

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

Contract Num:SP0450-00-M-C353

CAGE:4N760

Company Name:EXXONMOBIL CHEMICAL CO, DIV OF EXXON MOBILCORP.

Address:13501 KATY FWY

Box:3272

City:HOUSTON

State:TX

ZIP:77253-3272

Country:US

Phone:281-870-6000

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

Ingrid Name:SYNTHETIC ISOPARAFFINIC HYDROCARBON OR HYDROTREATED HEAVY  
NAPHTHA (PETROLEUM)  
CAS:64742-48-9

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

LD50 LC50 Mixture:NO DATA PROVIDED BY RESPONSIBLE PARTY.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Health Hazards Acute and Chronic:EYE:SLIGHTLY IRRITATING BUT DOES NOT  
INJURE EYE TISSUE. SKIN: LOW ORDER  
OF TOXICITY. FREQUENT OR  
PROLONGED CONTACT MAY IRRITATE & CAUSE DERMATITIS. SKIN CONTACT MAY  
AGGRAVATE AN EXISTING DERMATITIS CO NDITION. INHALATION: HIGH  
VAPOR/AEROSOL CONCENTRATIONS (GREATER THAN APPROXIMATELY 1000 PPM)  
ARE IRRITATING TO THE EYES & THE RESPIRATORY TRACT, MAY CAUSE  
HEADACHES, DIZZINESS, ANESTHESIA, DROWSINESS, UNCONSCIOUSNESS, &  
OTHER CENTRAL NERVOUS SYSTEM EFFECTS, INCLUDING DEATH. INGESTION:  
SMALL AMOUNTS OF THIS PRODUCT ASPIRATED INTO THE RESPIRA  
TORY SYSTEM  
DURING INGESTION OR VOMITING MAY CAUSE MILD TO SEVERE PULMONARY  
INJURY.  
Explanation of Carcinogenicity:NO DATA PROVIDED BY RESPONSIBLE PARTY.  
Effects of Overexposure:EYE:SLIGHTLY IRRITATING. SKIN: MAY IRRITATE &  
CAUSE DERMATITIS. INHALATION: IRRITATING TO THE EYES & THE  
RESPIRATORY TRACT, MAY CAUSE HEADACHES, DIZZINESS, ANESTHESIA,  
DROWSINESS, UNCONSCIOUSNESS, & O THER CENTRAL NERVOUS SYSTEM  
EFFECTS, INCLUDING DEATH. INGESTION: SMALL AMOUNTS OF THIS PRODUCT  
  
ASPIRATED INTO THE RESPIRATORY SYSTEM DURING INGESTION OR VOMITING  
MAY CAUSE MILD TO SEVERE PULMONARY INJ URY.  
Medical Cond Aggravated by Exposure:SKIN CONTACT MAY AGGRAVATE AN  
EXISTING DERMATITIS CONDITION.

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

First Aid:EYE: FLUSH EYES WITH LARGE AMOUNTS OF WATER UNTIL IRRITATION  
SUBSIDES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. SKIN:  
FLUSH WITH LARGE AMOUNTS OF WATER; USE SOAP IF AVAILABLE. REMOVE

GROSSLY CONTAMINATED CLOTHING, INCLUDING SHOES, AND LAUNDRY BEFORE REUSE. INHALATION: USING PROPER RESPIRATORY PROTECTION, IMMEDIATELY REMOVE THE AFFECTED VICTIM FROM EXPOSURE. ADMINISTER ARTIFICIAL RESPIRATION IF BREATHING IS STOPPED. KEEP AT REST. CALL FOR PROMPT MEDICAL ATTENTION. INGESTION: IF SWALLOWED, DO NOT INDUCE VOMITING. KEEP AT REST. GET PROMPT MEDICAL ATTENTION.

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

Flash Point Method:TCC  
Flash Point:=60.C, 140.F  
MINIMUM  
Autoignition Temp:=337.8C, 640.F  
Lower Limits:0.6@77F  
Upper Limits:7.0@77F  
Extinguishing Media:USE FOAM, DRY CHEMICAL, OR WATER SPRAY TO EXTINGUISH FIRE.  
Fire Fighting Procedures:USE WATER SPRAY TO COOL FIRE EXPOSED SURFACES AND TO PROTECT PERSONNEL. ISOLATE "FUEL" SUPPLY FROM FIRE. AVOID SPRAYING WATER DIRECTLY INTO STORAGE CONTAINER DUE TO DANGER OF BOILOVER.  
Unusual Fire/Explosion Hazard:THIS LIQUID IS VOLATILE AND GIVES OFF INVISIBLE VAPORS. EITHER THE LIQUID OR VAPOR MAY SETTLE IN LOW AREAS OR TRAVEL SOME DISTANCE ALONG THE GROUND OR SURFACE TO IGNITION SOURCES WHERE THEY MAY IGNITE OR EXPLODE.

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

Spill Release Procedures:LAND SPILL: ELIMINATE SOURCES OF IGNITION. PREVENT ADDITIONAL DISCHARGE OF MATERIAL, IF POSSIBLE TO DO SO WITHOUT HAZARD. FOR SMALL SPILLS IMPLEMENT CLEANUP PROCEDURES; FOR LARGE SPILLS IMPLEMENT CLEANUP PROCEDURES & KEEP PUBLIC AWAY & ADVISE AUTHORITIES. IF THIS PRODUCT IS SUBJECT TO CERCLA REPORTING NOTIFY THE NATIONAL RESPONSE CENTER. PREVENT LIQUID FROM ENTERING WATERWAYS & SEWERS.  
Neutralizing Agent:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Handling and Storage Precautions:ELECTROSTATIC ACCUMULATION HAZARD: YES, USE PROPER GROUNDING PROCEDURE. STORAGE TEMPERATURE, F: AMBIENT. STORAGE/TRANSPORT PRESSURE, MMHG: ATMOSPHERIC.  
LO

ADING/UNLOADING TEMPERATURE, F: AMBIENT. VISCO SITY AT

LOADING/UNLOADING TEMPERATURE, CST: 3.

Other Precautions:COMBUSTIBLE LIQUID-CAN FORM COMBUSTIBLE MIXTURES AT TEMPERATURES AT OR ABOVE THE FLASHPOINT. STATIC DISCHARGE-MATERIAL CAN ACCUMULATE STATIC CHARGES WHICH CAN CAUSE AN INCENDIARY ELECTRICAL DISCHARGE. "EMPTY" CONTAINERS RETAIN PRODUCT RESIDUE (LIQUID AND/OR VAPOR) AND CAN BE DANGEROUS. DO NOT PRESSU RIZE, CUT, WELD.

===== Exposure Controls/Personal Pr  
otection =====

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATORS MAY BE NECESSRAY TO PREVENT OVEREXPOSURE BY INHALATION.

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

Protective Gloves:WEAR CHEMICAL RESISTANT GLOVES

Eye Protection:WEAR SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Equipment:FOR OPEN SYSTEMS WHERE CONTACT IS LIKELY WEAR LONG SLEEV

ES.

Work Hygienic Practices:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Supplemental Safety and Health

HEALTH STUDIES HAVE SHOWN THAT MANY PETROLEUM HYDROCARBONS POSE POTENTIAL HUMAN HEALTH RISKS WHICH MAY VARY FROM PERSON TO PERSON. AS A PRECAUTION, EXPOSURE TO LIQUIDS, VAPORS, MISTS OR FUMES SHOULD B E MINIMIZED.

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

HCC:V6

Boiling Pt:=207.2C, 405.F

B.P. Text:365-405 APPROXIMATE

Melt/Freeze Pt: