

EXXON CO USA, A DIV OF EXXON CORP. -- ISOPAR M ;PRODUCT CODE:133468-00635 --  
9150-00-322-9367

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

Product ID:ISOPAR M ;PRODUCT CODE:133468-00635  
MSDS Date:04/20/1990  
FSC:9150  
NIIN:00-322-9367  
MSDS Number: BDWSZ  
=== Responsible Party ===  
Company Name:EXXON CO USA, A DIV OF EXXON CORP.  
Address:800 BELL ST  
Box:2180  
City:HOUSTON  
State:TX  
ZIP:77252-2180  
Country:US  
Info Ph  
one Num:713-656-3424 OR 713-656-2443  
Emergency Phone Num:713-656-2443 OR 713-656-3424  
CAGE:29700

=== Contractor Identification ===

Company Name:EXXON COMPANY U.S.A.  
Box:2180  
City:HOUSTON  
State:TX  
ZIP:77252-2180  
Country:US  
Phone:713-656-5949 / 713-656-3424  
CAGE:29700  
Company Name:TEXPAR ENERGY INC.  
CAGE:0ANE5

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

Ingred Name:HYDROTREATED HEAVY NAPHTHA (IT CONSISTS PREDOMINANTLY OF  
C\*12-C\*15 ISOPARAFFINIC HYDROCARBONS.)  
CAS:647

42-48-9

Fraction by Wt: 100.0%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS >5G/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:IRRITATION OF

EYES,SKIN,RESPIRATORY OR G.I.TRACTS;CNS EFFECTS LIKE  
HEADACHE,DIZZINESS,NAUSEA,VOMITING AND

POSSIBLE

UNCONSCIOUSNESS;REDNESS OR BURNS OF EYES/SKIN

POSSIBLE.CHRONIC:DRYING OF SKIN,DEFATTING OR DERMATITIS.

Explanation of Carcinogenicity:DATA PER MSDS

Effects of Overexposure:SEE HEALTH HAZARDS DATA.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS

OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR  
RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALAT

ION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING.

GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER  
FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.

SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF  
IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE  
VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE  
MEDICAL ATTENTION.

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

Flash Point

Method:PMCC

Flash Point:160F,71C

Autoignition Temp:Autoignition Temp Text:460F

Lower Limits:0.6

Upper Limits:7.0

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY  
CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED  
CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE  
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:ELIM ALL IGNITION SOURCES. KEEP PEOPLE AWAY.  
RECOVER FREE PRODUCT. ADD SAND OR OTHER ABSORBENT TO SPILL AREA.  
VENT AREA. KEEP PRODUCT OUT OF SEWER & WATERCOURSES. AVOID SKIN  
CONTACT & INHAL OF VAPORS.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED  
AREA. KEEP CO  
NTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT  
CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID  
PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES.  
USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC  
VAPORS/MIST AS REQUIRED IF ABOVE PEL/TLV.

Ventilation:LOCAL/GEN  
ERAL TO MAINTAIN PEL/TLV.

Protective Gloves:NEOPRENE, NITRILE, OR NATURAL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER,WORK  
CLOTHING AND APRON AS REQUIRED.

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 BR  
EATHE VAPORS OR MISTS.

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

HCC:V4

Boiling Pt:B.P. Text:401F,205C

Vapor Pres:5

Spec Gravity:0.79

pH:NEUTRL

Viscosity:2.46 CP @25C

Evaporation Rate & Reference: