

EXXONMOBIL CHEMICAL CO, DIV OF EXXON MOBILCORP. -- EXXSOL D 60 FLUID --  
6850-01-331-3349

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

Product ID:EXXSOL D 60 FLUID

MSDS Date:06/16/2000

FSC:6850

NIIN:01-331-3349

Status Code:A

MSDS Number: CLSKQ

=== Responsible Party ===

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

Address:13501 KATY FWY

Box:3272

City:HOUSTON

State:TX

ZIP:77253-3272

Country:US

Info Phone Num:281-870-6000 / 800-726-2015

Emergency Phone Num:800-726-2015

Resp. Party Other MSDS Num.:92875549

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:SP0450-02-M-M186

CAGE:4N760

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

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Composition/Information on Ingredients  
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Ingred Name:ALIPHATIC HYDROCARBON (PRODUCT IS HAZARDOUS AS DEFINED IN  
29 CFR 1910.1200, COMBUSTIBLE LIQUID)

CAS:64742-47-8

RTECS #:OA5504000

Fraction by Wt: 100%

Other REC Limits:1200 MG/M3, 184PPM

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Hazards Identification  
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Health Hazards Acute and Chronic:EYE CONTACT: SLIGHTLY IRRITATING. DOES  
NOT INJURE E

YUE TISSUE. SKIN CONTACT: LOW ORDER OF TOXICITY.

FREQUENT OR PROLONGED CONTACT MAY IRRITATE AND CAUSE DERMATITIS.

INHALATION: HIGH VAPOR/AEROSOL CONC ENTRATIONS (GREATER THAN APPROX  
1000 PPM) ARE IRRITATING TO THE EYES AND THE RESPIRATORY TRACT, MAY

CAUSE HEADACHES, DIZZINESS, ANESTHESIA, DROWSINESS,

UNCONSCIOUSNESS, AND OTHER CENTRAL NERVOUS SYSTE M EFFECTS,

INCLUDING DEATH. INGESTION: SMALL AMOUNTS OF PRODUCT ASPIRATED  
INTO THE RESPIRATORY SYTEM DURING INGESTION OR

VOMITING MAY CAUSE

MILD TO SEVERE PULMONARY INJURY, POSSIBLY PROGRESSING TO DEA TH.  
MINIMAL TOXICITY.

Effects of Overexposure:EYE CONTACT: IRRITATION. SKIN CONTACT:

IRRITATION, DERMATITIS. INHALATION: IRRITATION, HEADACHES,

DIZZINESS, ANESTHESIA, DROWSINESS, UNCONSCIOUSNESS, OTHER CENTRAL  
NERVOUS SYSTEM EFFECTS, INCLUDING DE ATH. INGESTION: ASPIRATION

INTO LUNGS MAY CAUSE MILD TO SEVERE PULMONARY INJURY, POSSIBLY  
PROGRESSING TO DEATH. MINIMAL TOXICITY.

Medical Cond A

ggravated by Exposure: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 SOAP AND WATER. REMOVE  
CONTAMINATED C LOTHING, INCLUDING SHOES. LAUNDER BEFORE REUSE.

INHALATION: USING PROPER RESPRIATORY PROTECTION, REMOVE AFFECTED

VICTIM FROM EXPOSURE. ADMINISTER ARTIFICIAL RESPIRATION IF BREATHING IS STOPPED. KEEP AT REST. GET 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:=-65.C, 149.F  
MINIMUM  
Autoignition Temp:>200.C, 392.F  
Lower Limits:1.4 APPROX  
Upper Limits:9.3 APPROX  
Extinguishing Media:USE FOAM, DRY CHEMICAL, OR WATER SPRAY TO EXTINGUISH FIRE. AVOID SPRAYING WATER DIRECTLY INTO STORAGE CONTAINERS DUE TO DANGER OF BOILOVER.  
Fire Fighting Procedures:USE WATER SPRAY TO COOL FIRE EXPOSED SURFACES AND TO PROTECT PERSONNEL. ISOLATE "FUEL" SUPPLY FROM FIRE.  
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 SPILLS: ELIMINATE SOURCES OF IGNITION. STOP DISCHARGE OF MATERIAL. SMALL SPILLS: IMPLEMENT CLEANUP PROCEDURES. LARGE SPILLS: IMPLEMENT CLEANUP PROCEDURES. IF IN PUBLIC AREA, KEEP PUBLIC AWAY AND ADVISE AUTHORITIES. CONTACT LOCAL AUTHORITIES IF THIS PRODUCT IS SUBJECT TO LOCAL REPORTING REQUIREMENTS. PREVENT LIQUID FROM ENTERING SEWERS, WATERCOURSES, OR LOW AREAS. (CONTD. SEE "TOXICOLOGICAL")

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED. HANDLE AND OPEN CONTAINERS WITH CARE. STORE IN A COOL, WELL-VENTILATED PLACE AWAY FROM INCOMPATIBLE MATERIALS. DO NOT HANDLE OR STORE NEAR AN OPEN FLAME, HEAT, OR OTHER SOURCES OF IGNITION. PROTECT FROM SUNLIGHT. MATERIAL WILL ACCUMULATE STATIC CHARGES (CONTD. "SEE BELOW")  
Other Precautions:(CONTD. FROM "ABOVE") WHICH MAY CAUSE AN ELECTRICAL

SPARK (IGNITION SOURCE). USE PROPER BONDING AND / OR GROUNDING. DO NOT PRESSURIZE, CUT, HEAT, OR WELD CONTAINERS. EMPTY PRODUCT CONTAINERS MAY CONTAIN PRODUCT RESIDUE. DO NOT REUSE EMPTY CONTAINERS WITHOUT COMMERCIAL CLEANING OR RECONDITIONING.

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

Respiratory Protection: WHERE CONCENTRATIONS IN AIR MAY EXCEED EXPOSURE LIMITS AND ENGINEERING, WORK PRACTICE OR OTHER MEANS OF MAINTAINING EXPOSURE ARE NOT ADEQUATE,

WEAR A NIOSH/MSHA APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE BY INHALATION. EXXONMOBIL RECOMMENDS EXPOSURE LIMITS OF TWA = 1200 MG/M<sup>3</sup> (184 PPM) BASED ON TOTAL HYDROCARBON.

Ventilation: LOCAL EXHAUST VENTILATION RECOMMENDED TO CONTROL PROCESS EMISSIONS NEAR THE SOURCE. PROVIDE MECHANICAL VENTILATION OF CONFINED SPACES. (SEE "SUPPL.")

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 SAFETY GLASSES WITH SIDE SHIELDS, LONG SLEEVES, AND CHEMICAL RESISTANT GLOVES.

Supplemental Safety and Health

(CONTD FROM "VENTILATION") LAB. SAMPLES SHOULD BE HANDLED IN A LAB. HOOD.

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

HCC:V4

Boiling Pt: >185.C, 365.F

B.P. Text: 365-430F (APPROX)

Melt/Freeze Pt: -20.C, -4.F

Vapor Pres: 1 MM HG @ APPROX 100F

Vapor Density: >1, (AIR=1)

Spec Gravity: 0.79 @ 60F

Viscosity: 1.6 CST @ 77F

Evapo

ration Rate & Reference: 0.1 (N-BUTYL ACETATE=1)

Solubility in Water: