

EXXON CHEMICAL COMPANY, DIVISION EXXON CORP -- EXXSOL D 60 SOLVENT --  
6850-00-274-5421

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

Product ID:EXXSOL D 60 SOLVENT

MSDS Date:06/16/2000

FSC:6850

NIIN:00-274-5421

MSDS Number: CKVMS

=== Responsible Party ===

Company Name:EXXON CHEMICAL COMPANY, DIVISION EXXON CORP

Box:3272

City:HOUSTON

State:TX

ZIP:77253-3272

Country:US

Info Phone Num:281-870-6000;-6884

Emerge

ncy Phone Num:(800)-726-2015

Resp. Party Other MSDS Num.:92875549

Chemtec Ind/Phone:(800)424-9300

CAGE:TO317

=== 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:SP0 450-98-D-1454

CAGE:4N760

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:SP0

450-01-M-ZA63

CAGE:4N760

Company Name:EXXON CHEMICAL COMPANY, DIVISION EXXON CORP

Address:Box:3272

City:HOUSTON

State:TX

ZIP:77253-3272

Country:US

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

CAGE:TO317

Company Name:RADIAN INTL LLC

Address:8501 N MOPAC BLVD

Box:201088

City:AUSTIN

State:TX

ZIP:78720-1088

Country:US

Phone:512-419-5224

CAGE:29913

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

Ingred Name:ALIPHATIC HYDROCARBON

CAS:64742-47-8

RTECS #:OA5504000

Other REC Limits:300 PP

M (MFR)

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

Health Hazards Acute and Chronic:TARGET ORGANS: N/P. ACUTE: EYE

CONTACT: SLIGHTLY IRRITATING BUT DOES NOT INJURE EYE TISSUE. SKIN

CONTACT: LOW ORDER OF TOXICITY. FREQUENT/PROLONGED CONTACT MAY

IRRITATE & CAUSE DERMATITIS. INHALATION: HIGH VAPOR/AEROSOL

CONCENTRATIONS (>1000 PPM) ARE IRRITATING TO EYES AND RESPIRATORY

TRACT, MAY CAUSE HEADACHES, DIZZINESS, ANESTHESIA, DROWSINESS &

OTHER CNS E

FFECTS, INCLUDING DEATH. INGESTION: SMA LL AMOUNTS OF

THIS PRODUCT ASPIRATED INTO RESPIRATORY SYSTEM DURING INGESTION OR

VOMITING MAY CAUSE MILD TO SEVERE PULMONARY INJURY, POSSIBLY DEATH.

CHRONIC - VERY HIGH DOSES CAUSED REVERSIBLE DAMAGE TO STOMACH,

LIVER, KIDNEY OF MALE RATS.

Explanation of Carcinogenicity:NO DATA PROVIDED BY MANUFACTURER

Effects of Overexposure:EYE CONTACT: SLIGHTLY IRRITATING. SKIN CONTACT:

FREQUENT/PROLONGED CONTACT MAY IRRITATE & CAUSE DERMATITIS.

INHALATION: HIGH VAPOR/AEROSOL CONCENTRATIONS (>1000 PPM) ARE IRRITATING TO EYES & RESPIRATORY TRACT, MAY CAUSE HEADACHES, DIZZINESS, ANESTHESIA, DROWSINESS & OTHER CNS EFFECTS INCLUDING DEATH. INGESTION: SMALL AMOUNTS OF THIS PRODUCT ASPIRATED INTO RESPIRATORY SYSTEM DURING INGESTION OR VOMITING MAY CAUSE MILD TO SEVERE PULMONARY INJURY, POSSIBLY DEATH.

Medical Condition Aggravated by Exposure: SKIN CONTACT MAY AGGRAVATE AN EXISTING DERMATITIS CONDITION.

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

First Aid: EYE CONTACT: FLUSH EYES WITH LARGE AMOUNT OF WATER UNTIL IRRITATION SUBSIDES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. SKIN CONTACT: FLUSH WITH LARGE AMOUNT 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: =65.C, 149.F

Autoignition Temp: >200.C, 392.F

Lower Limits: 1.4

Upper Limits: 9.3

Extinguishing Media: USE WATER SPRAY TO COOL FIRE EXPOSED SURFACES AND TO PROTECT PERSONNEL. USE FOAM, DRY CHEMICAL, OR WATER SPRAY TO

EXTINGUISH FIRE.

Fire Fighting Procedures: AVOID SPRAYING WATER DIRECTLY INTO STORAGE CONTAINERS DUE TO DANGER OF BOILOVER. 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.

Unusual Fire/Explosion Hazard: THIS LIQUID IS VOLATILE & 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. NO UNUSUAL DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. PREVENT ADDITIONAL DISCHARGES, IF POSSIBLE. SMALL SPILLS: IMPLEMENT CLEANUP PROCEDURES; LARGE SPILLS: IMPLEMENT CLEANUP PROCEDURES AND KEEP PUBLIC AWAY AND ADVISE AUTHORITIES. PREVENT LIQUID FROM ENTERING

SEWERS, WATERCOURSES, OR LOW AREAS. CONTAIN WITH SAND OR EARTH. DO NOT USE COMBUSTIBLE MATERIAL SUCH AS SAWDUST. RECOVER WITH EXPLOSION-PROOF PUMP/SUITABLE ABSORBENT.

Neutralizing Agent:NO DATA PROVIDED BY MANUFACTURER

===== 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 MATERIAL FROM DIRECT SUNLIGHT.

Other Precautions:MATERIAL WILL ACCUMULATE STATIC CHARGES WHICH MAY CAUSE AN ELECTRICAL SPARK (IGNITION SOURCE). USE PROPER GROUNDING PROCEDURES. DO NOT PRESSURIZE, CUT, HEAT, OR WELD CONTAINERS. EMPTY PRODUCT CONTAINERS MAY RETAIN PRODUCT RESIDUE. DO NOT REUSE EMPTY CONTAINERS WITHOUT COMMERCIAL CLEANING OR RECONDITIONING.

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

Respiratory Protection:WHERE CONCENTRATIONS IN AIR MAY EXCEED THE LIMITS GIVEN IN THIS SECTION AND ENGINEERING, WORK PRACTICE OR OTHER MEANS OF EXPOSURE REDUCTION ARE NOT ADEQUATE, NIOSH/MSHA APPROVED RESPIRATORS MAY BE NECESSARY TO PREVENT OVEREXPOSURE BY INHALATION.

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

Protective Glove

es:CHEMICAL RESISTANT GLOVES

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment:LONG SLEEVES. (EYE BATH, WASHING FACILITY,  
LAB COAT OR UNIFORM, HMIS).

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES. WASH AFTER HANDLING AND BEFORE EATING,  
DRINKING OR SMOKING (HMIS).

Supplemental Safety and Health

PRODUCT NAME: EXXSOL D 60 FLUID. CHEMICAL NAME: ALIPHATIC HYDROCARBON.

CHEMICAL FAMILY: PETROLEUM HYDROCARBON. PRODU

CT DESCRIPTION: CLEAR

COLORLESS LIQUID. \*\*THIS PRODUCT IS HAZARDOUS AS DEFINED IN 29 CF  
1910.1200. OSHA HAZARD. COMBUSTIBLE LIQUID. MSDS NO.: 92875549.

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

HCC:V4

Boiling Pt:=185.C, 365.F

B.P. Text:365 TO 430 APPROX

Melt/Freeze Pt:1

Spec Gravity:0.79

Viscosity:1.6 CST @ 77F

Evaporation Rate & Reference:0.1 (N-BU ACETATE=1)

Solubility in Water:< 0.1% @ 68F

Appearance and Odor:LIQUID. CLEAR AND COLORLESS..

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:NONE.

===== Toxicological Information =====

Toxicological Information:PLEASE REFER TO ACUTE/CHRONIC HEALTH SECTION  
FOR AVAILABLE INFORMATION ON POTENTIAL HEALTH EFFECTS.

===== Ecological Information =====

Ecological:NO SPECIFIC ECOLOGICAL DATA ARE AVAILABLE FOR THIS PRO

DUCT.

PLEASE REFER TO THE SPILLS, DISPOSAL AND SARA/FEDERAL REGULATORY SECTION FOR DISPOSAL AND REGULATORY INFORMATION.

===== Disposal Considerations =====

Waste Disposal Methods:CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MATERIAL AND ENSURE CONFORMITY TO LOCAL DISPOSAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information:US DOT SHIPPING DESCRIPTION (DLA-HMIS: ONLY IF CONTAINER LARGER THAN 119 GALLONS): PETROLEUM DISTILLATE, N.O.S., COMBUSTIBLE LIQUID, UN1268, III. NOTE FROM DLA-HMIS: THE PROPER SHIPPING NAME FOUND IN 49 CFR 172.101 IS: PETROLEUM DISTILLATE, N.O.S., 3, UN1268, III.

===== Regulatory Information =====

SARA Title III Information:UNDER THE PROVISIONS OF TITLE III SECTIONS 311/312 OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT, THIS PRODUCT IS CLASSIFIED INTO THE FOLLOWING HAZARD CATEGORIES: FIRE. THIS INFORMATION

MAY BE SUBJECT TO THE PROVISIONS OF THE COMMUNITY-RIGHT-TO-KNOW REPORTING REQUIREMENTS (40 CFR 370) IF THE THRESHOLD QUANTITY CRITERIA ARE MET. THIS PRODUCT DOES NOT CONTAIN SECTION 313 REPORTABLE INGREDIENTS.

Federal Regulatory Information:CERCLA: IF THIS PRODUCT IS ACCIDENTLY SPILLED, IT IS NOT SUBJECT TO ANY SPECIAL REPORTING UNDER THE REQUIREMENTS OF THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION & LIABILITY ACT. WE RECOMMEND YOU CONTACT LOCAL

AUTHORITIES TO DETERMINE IF THERE MAY BE OTHER LOCAL REPORTING REQUIREMENTS. CLEAN WATER ACT/OIL POLLUTION ACT: THIS PRODUCT IS CLASSIFIED AS AN OIL UNDER SECTION 311 OF THE CLEAN WATER ACT (40 CFR 110) & THE OIL POLLUTION ACT OF 1990. DISCHARGE OR SPILLS WHICH PRODUCE A VISIBLE SHEEN ON SURFACE WATER OR WATERWAYS/SEWERS WHICH LEAD TO SURFACE WATER, MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER AT 800-424-8802.

State Regulatory Information:NO DATA PROVIDED BY MANUFACTURER

===== Other Information =====

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