

EXXON CHEMICAL AMERICAS -- VARSOL 18 SOLVENT -- 6850-00-264-9038

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

Product ID: VARSOL 18 SOLVENT

MSDS Date: 10/18/1994

FSC: 6850

NIIN: 00-264-9038

MSDS Number: CGMFW

=== Responsible Party ===

Company Name: EXXON CHEMICAL AMERICAS

Box: 3272

City: HOUSTON

State: TX

ZIP: 77001

Country: US

Info Phone Num: 713-870-6885

Emergency Phone Num: 800-726-2015/800-424-9300(CHEMTREC)

CAGE: 7

2190

=== 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

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 / 800-726-2015

CAGE: 72190

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

Ingred Name: PETROLEUM HYDROCARBONS

Other REC

Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 (OIL MIST)  
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:1,2,4-TRIMETHYLBENZENE (SARA 313)  
CAS:95-63-6  
RTECS #:DC3325000  
Fraction by Wt: 2.0%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:25 PPM  
ACGIH TLV:25 PPM; 9596

Ingred Name:STODDARD SOLVENT  
CAS:8052-41-3  
RTECS #:WJ8925000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:500 PPM  
ACGIH TLV:100 PPM; 9596

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

LD50 LC50 Mixture:TLV 100 PPM FOR STODD  
ARD SOLVENT  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:IRRITATION, TEARING, REDNESS, DRYING AND  
CRACKING OF SKIN, NAUSEA, VOMITING, COUGHING, HEADACHE, DIZZINESS,  
DROWSINESS, WEAKNESS, FATIGUE, UNCONSCIOUSNESS  
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN  
DISORDERS, EYE PROBLEMS, OR IMPAIRED CNS OR RESPIRATORY FUNCTION  
MAY BE MORE SUSCE  
PTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:CALL PHYSICIAN IF SYMPTOMS PERSIST. INHALED:MOVE TO FRESH  
AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15  
MINUTES. HOLD EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO  
NOT INDUCE VO MITING. IF PERSON IS DROWSY/UNCONSCIOUS,PLACE ON LEFT  
SIDE WITH HEAD DOWN. GET MEDICAL ATTENTION. IF POSSIBLE, DO NOT  
LEAVE INDIVIDUAL UNATTENDED.

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

Flash Point Method:TCC

Flash Point:104F,40C

Autoignition Temp:Autoignition Temp Text:490F

Lower Limits:2.3

Upper Limits:14.4

Extinguishing Media:USE CARBON DIOXIDE, SAND, WATER SPRAY, FOAM/DRY  
CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS  
COOL.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED  
SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN  
POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL  
CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK.  
CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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

Spill Release Procedures:REMOVE IGNITION SOURCES. VENTILATE AREA.  
ABSORB SPILL WITH NON-FLAMMABLE MATERIAL SUCH AS VERMICULITE OR  
SAND. PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE  
THOROUGHLY TO REMOVE RESIDUAL CO

NT AMINATION. DO NOT FLUSH TO  
SEWERS OR WATERWAYS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, VENTILATED AREA, AWAY  
FROM IGNITION SOURCES & INCOMPATIBLES. KEEP CONTAINER TIGHTLY  
CLOSED.

Other Precautions:WARNING! FLAMMABLE. KEEP OUT OF REACH OF CHILDREN.  
AVOID EYE CONTACT. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY  
AFTER HANDLING. EMPTY CONTAINER RETAINS RESIDUE. FOL

LOW LABEL

INSTRUCTIONS. AVOID REPEATED SKIN CONTACT.

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

Respiratory Protection:IF ENGINEERING CONTROLS ARE INADEQUATE, A  
NIOSH-APPROVED AIR-SUPPLIED RESPIRATOR SHOULD BE WORN.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF)  
VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES WITH SIDE SHIELD/GOGGLES

Other Protective Equipment:EYE BATH, WASHING F

ACILITIES, SAFETY SHOWER

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

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN.

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

HCC:F4

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:315F - 397F

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

Vapor Pres:6 @ 68F

Vapor Density:3.90

Spec Gravi

ty:0.79

Evaporation Rate & Reference: