

VAR SOL 1

MSDS Number

BBCSX

National Stock Number

8030-01-287-8185

Product Name

VAR SOL 1

Manufacturer

EXXON CORP EXXON CO USA DIV

Product Identification

Product ID:VAR SOL 1
MSDS Date:09/15/1993
FSC:8030
NIIN:01-287-8185
MSDS Number: BBCSX

Responsible Party

EXXON CORP,EXXON CO,USA DIV
HOUSTON , TX 77252-2180
US

Emergency Phone: 713-656-3424

Info Phone: 713-656-5949

Preparer: NONE

Cage: LO127

Contractor

EXXONMOBIL CHEMICAL CO, DIV OF EXXON MOBILCORP.
3272
HOUSTON, TX 77253-3272
US
281-870-6000 / 800-726-2015
Cage: 72190

Ingredients

STODDARD SOLVENT (THIS PRODUCT CONSISTS OF FOLLOWING
CAS: 8052-41-3
RTECS: WJ8925000
Fraction By Weight: 100%
OSHA PEL100 PPM
ACGIH TLV: 100 PPM; 9394

STODDARD SOLVENT CONSISTS PREDOMINANTLY OF INGREDIENT 3

RTECS: 9999999ZZ

C7-C10 SATURATED HYDROCARBONS

Fraction By Weight: 83.0%

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 0.4%

OSHA PEL200 PPM; Z-2

ACGIH TLV: S, 50 PPM; 9394

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 0.8%

OSHA PEL100 PPM

ACGIH TLV: 100 PPM/150STEL;9394

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ETHYL BENZENE (SARA III)

CAS: 100-41-4

RTECS: DA0700000

Fraction By Weight: 0.2%

OSHA PEL100 PPM

ACGIH TLV: 100 PPM/125STEL;9394

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

C8+ AROMATICS

Fraction By Weight: 15.6%

Hazards

LD50 LC50 Mixture:ORAL LD50 (RAT) IS >5 GM/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: EYES: IRRITATION. SKIN: HAS LOW ORDER OF DERMAL TOXICITY. REMOVES SKIN OIL CAUSING IRRITATION, DERMATITIS. INHALATION: IRRITATION OF RESPIRATORY TRACT, HEADACHES, DIZZINESS, ANESTHESIA, DROWSINESS, UNCONCIOUSNESS, OTHER CNS EFFECTS,INCLUDING DEATH. INGESTION: HAS LOW ORDER OF ACUTE ORAL TOXICITY. CHRONIC: NONE.

Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:EYES: IRRITATION. SKIN: DRYNESS, IRRITATION, DERMATITIS. INHALATION: IRRITATION OF RESPIRATORY TRACT, HEADACHES, DIZZINESS, ANESTHESIA, DROWSINESS, UNCONCIOUSNESS, AND OTHER CNS EFFECTS, INCLUDING DEATH. INGESTION: HAS A LOW ORDER OF ACUTETOXICITY.

Medical Cond Aggravated by Exposure:SKIN CONTACT MAY AGGRAVATE AN

EXISTING DERMATITIS.

First Aid

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. IF ADVERSE SYMPTOMS DEVELOP, GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR. IF BREATHING DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

Fire Fighting

Flash Point Method:TCC
Flash Point:104F,40C
Autoignition Temp:Autoignition Temp Text:490F
Lower Limits:2.1
Upper Limits:13.3
Extinguishing Media:FOAM, WATER SPRAY (FOG), DRY CHEMICAL, CARBON DIOXIDE, VAPORIZING LIQUID TYPE EXTINGUISHING AGENTS.
Fire Fighting Procedures:USE DRY CHEMICAL, FOAM OR CARBON DIOXIDE TO EXTINGUISH FIRE. WATER MAY BE INEFFECTIVE. USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL.
Unusual Fire/Explosion Hazard:PRODUCT IS VOLATILE. VAPOR IS HEAVIER THAN AIR AND MAY SETTLE IN LOW AREAS OR TRAVEL SOME DISTANCE ALONG GROUND TO IGNITION SOURCE AND IGNITE OR EXPLODE.

Accidental Release

Spill Release Procedures:REMOVE ALL IGNITION SOURCES. RECOVER FREE LIQUID. ADD ABSORBENT TO SPILL. VENTILATE AREA. KEEP PRODUCT OUT OF SEWERS AND WATERCOURSES BY DYKING. ADVISE AUTHORITIES IF PRODUCT HAS ENTERED OR MAY ENTER SEWERS, WATERCOURSES, OR EXTENSIVE LANDAREAS.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:KEEP CONTAINERS CLOSED. DO NOT STORE NEAR HEAT, SPARKS, FLAME, OR STRONG OXIDANTS. ELECTRICALLY GROUND TRANSFER SYSTEM TO PREVENT STATIC IGNITION.
Other Precautions:EMPTY CONTAINERS RETAIN RESIDUE (LIQUID,VAPOR) AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OTHER SOURCES OF IGNITION; THEY MAY EXPLODE.

Exposure Controls

Respiratory Protection:USE SUPPLIED-AIR RESPIRATORY PROTECTION IN CONFINED OR ENCLOSED SPACES, IF NEEDED.
Ventilation:PROVIDE VENTILATION THAT PREVENTS EXCEEDING RECOMMENDED EXPOSURE LIMITS OR EXPLOSIVE CONCENTRATIONS OF VAPOR IN AIR.
Protective Gloves:CHEMICAL-RESISTANT TO AVOID SKIN CONTACT
Eye Protection:SAFETY GOGGLES/FACE SHIELD WHEN NEEDED.
Other Protective Equipment:CHEMICAL-RESISTANT APRON OR OTHER IMPERVIOUS CLOTHING TO AVOID CONTAMINATING REGULAR CLOTHING TO AVOID SKIN CONTACT.
Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
DO NOT ATTEMPT TO CLEAN EMPTY DRUMS SINCE RESIDUE IS DIFFICULT TO REMOVE. EMPTY DRUMS SHOULD BE COMPLETELY DRAINED, PROPERLY BUNGED AND PROMPTLY RETURNED TO A DRUM RECONDITIONER. ALL OTHER CONTAINERS SHOULD BE DISPOSED OF IN AN ENVIRONMENTALLY SAFE MANNER AND IN ACCORDANCE WITH GOVERNMENTAL REGULATIONS.

Chemical Properties

HCC:F4
Boiling Pt:B.P. Text:315 TO 394F
Melt/Freeze Pt:M.P/F.P Text:Vapor Pres:1.6
Vapor Density:3.5 AIR=1

Spec Gravity:0.80
pH:@7.0
Evaporation Rate & Reference:Solubility in Water:NEGLIGIBLE
Appearance and Odor:CLEAR, WATER-WHITE LIQUID. MINERAL SPIRITS ODOR.
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDANTS SUCH AS LIQUID CHLORINE,CONCENTRATED OXYGEN, SODIUM
HYPOCHLORITE, CALCIUM HYPOCHLORITE, ETC.
Stability Condition to Avoid:KEEP AWAY FROM IGNITION SOURCES, SUCH AS
HEAT, SPARKS, PILOT LIGHTS. STATIC ELECTRICITY AND OPEN FLAMES.
Hazardous Decomposition Products:FUMES, SMOKE, CARBON MONOXIDE,
ALDEHYDES, OTHER DECOMPOSITION PRODUCTS MAY BE PRODUCED IN CASE OF
INCOMPLETE COMBUSTION.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

Disposal

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE
AND FEDERAL REGULATIONS.

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