

SOUTHWEST SOLVENTS AND CHEMICALS -- MIL-C-38736-B -- 6850-01-016-3482

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Product Identification
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Product ID:MIL-C-38736-B

MSDS Date:01/19/1994

FSC:6850

NIIN:01-016-3482

MSDS Number: BWNLR

=== Responsible Party ===

Company Name:SOUTHWEST SOLVENTS AND CHEMICALS

Address:11235 F M 529

Box:41065

City:HOUSTON

State:TX

ZIP:77241

Country:US

Info Phone Num:713-937-9300

Emergency Phone Num:713-937-

9300 800-424-9300(CHEMTREC)

CAGE:0Y1R9

=== Contractor Identification ===

Company Name:SOUTHWEST SOLVENTS AND CHEMICALS

Address:11235 F M 529

Box:City:HOUSTON

State:TX

ZIP:77041

Country:US

CAGE:0Y1R9

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Composition/Information on Ingredients
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Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 38%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:200 PPM; Z-2

ACGIH TLV:S, 50 PPM; 9394

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ETHYL ACET

ATE (SARA III)
CAS:141-78-6
RTECS #:AH5425000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM; 9394
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 19%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM
ACGIH TLV:200 PPM/300STEL 9394
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:VM & P NAPHTHA
CAS:64742-89-8
Other REC Limits:NONE RECOMMENDED

Ingred Name:ISOPROPY
L ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM/500STEL;9394

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM/150STEL;9394
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:BENZENE (SARA III) LESS THAN 1 PPM
CAS:71-43-2
RTECS #:CY1400000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:SEE 1910.1028
ACGI

H TLV:10 PPM; A2; 9394

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:VOLATILE ORGANIC CONTENT=837.7G/L

RTECS #:9999999VO

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:TLV IS 105PPM FOR COMBINED PRODUCT

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION.SKIN:MAY

CAUSE IRRITATION AND DEFATTING.MAY

BE DERMALLY ABSORBED IN HARMFUL

AMOUNTS.INGEST:MAY CAUSE GI TRACT IRRITATION.MAY CAUSE LUNG DAMAGE

IF VOMITED AFTER INGESTING.INHA L:MAY CAUSE RESPIRATORY IRRITATION

AND CNS EFFECTS.CHRONIC:MAY DAMAGE LIVER,KIDNEYS,LUNGS,CNS AND

BLOOD FORMING ORGANS.

Explanation of Carcinogenicity:TOLUENE IS CLASSIFIED BY THE STATE OF

CALIFORNIA TO BE A REPRODUCTIVE TOXIN.

Effects of Overexposure:EYES:REDNESS,TEARING,BLURRED

VISION.INHAL:ANESTHESIA.INGEST:NAUSEA,VOMITING,DIARRHEA.

Medica

I Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING

HEART,LIVER,KIDNEY,CNS,SKIN AND RESPIRATORY AILMENTS MAY BE AT

INCREASED RISK FROM EXPOSURE.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND

WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH

AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT

INDUCE VOMITING. GET PROMPT QUALIFIED MEDICAL ATTENTION.KEEP WARM.

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

Flash Point Method:TCC

Flash Point:28.0F,-2.2C

Lower Limits:1.7

Extinguishing Media:CLASS B:CARBON DIOXIDE,FOAM.WATER MAY BE AN

INEFFECTIVE EXTINGUISHANT.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND

FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER

FOG.

Unusual Fire/Explosion Hazard:**CLASS 1B FLAMMABLE LIQUID** CONTAINERS

MAY BURST AT ELEVATED TEMPERATURES.DECOMPOSIT

ION PRODUCTS ARE
TOXIC.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION.USE PROPER
RESPIRATORY AND PROTECTIVE EQUIPMENT.VENTILATE AREA.SOAK UP WITH A
NON-COMBUSTIBLE INERT ABSORBANT(CLAY,SAND);PLACE IN PROPER
CONTAINER FOR DISPOSAL.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE BELOW 120F,IN A
COOL,DRY,W

ELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN
USE.KEEP AWAY FROM HEAT,SPARKS,FLAMES AND INCOMPATIBLE MATLS.

Other Precautions:GROUND CONTAINERS WHEN TRANSFERRING LIQUID.AVOID
BREATHING VAPORS.AVOID SKIN AND EYE CONTACT.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN
ENCLOSED SPACES USE EITHER A SELF-CONTAINED BREATHING APPARATUS OR
A NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAP
ORS,DEPENDING ON
THE AIRBORN CONCENTRA TION.

Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL)
VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A
LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET
CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK
AREA.

Supplemental Saf
ety and Health

THIS ITEM CONTAINS LESS THAN 1PPM OF BENZENE;REPORTING OF THIS
INGREDIENT IS THEREFORE NOT REQUIRED BY 29CFR1910.1200.

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

HCC:F2

Boiling Pt:B.P. Text:162F-290F

Vapor Pres:>0.44

Vapor Density:3

Spec Gravity:0.838

Solubility in Water:APPRECIABLE

Appearance and Odor:LIQUID;WATER WHITE;KETONE ODOR

Percent Volatiles by Volume:100

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

Stability Indica

tor/Materials to Avoid: YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: HIGH HEAT, SOURCES OF IGNITION.

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE

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

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

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