

CSD INC -- A-A-857-B -- 8010-00-160-5789

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Product Identification
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Product ID:A-A-857-B
MSDS Date:09/04/1996
FSC:8010
NIIN:00-160-5789
MSDS Number: CDXQF
=== Responsible Party ===
Company Name:CSD INC
Address:5 HACKBERRY LANE
Box:687
City:CONROE
State:TX
ZIP:77305
Country:US
Info Phone Num:409-756-1065
Emergency Phone Num:409-756-1065
CAGE:4N760

==== Contractor Identification ===

Company Name:
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

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Composition/Information on Ingredients
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Ingredient Name:N-BUTYL ACETATE (SARA 313) CERCLA)
CAS:123-86-4
RTECS #:AF7350000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:150 PPM
ACGIH TLV:20 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingredient Name:TOLUENE (SARA 313) (CERCLA) LD50 4000 MG/KG RABBITS
CAS:108-88-3
RTECS #:XS52

50000
Fraction by Wt: 17.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM
ACGIH TLV:50 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:LIGHT ALIPHATIC SOLVENT NAPHTHA (SARA 313)
CAS:64742-89-8
Fraction by Wt: NA
Other REC Limits:NONE RECOMMENDED
OSHA PEL:500 PPM
ACGIH TLV:300 PPM

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA 313) (CERCLA)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 12.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/3
00 STEL
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ISOPROPYNOL (SARA 313)
CAS:67-63-0
RTECS #:NT8050000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500 STEL

Ingred Name:N-BUTYNOL ALCOHOL (SARA 313) (CERCLA) LD50 790 MG/KG RAT
CAS:71-36-3
RTECS #:EO1400000
Fraction by Wt: 9.0%
Other REC Limits:50 PPM CEILING
OSHA PEL:100 PPM
ACGIH TLV:50 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

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LD50 LC50 Mixture:TLV 50 PPM

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

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

Health Hazards Acute and Chronic:EYE: IRRITATION, REDNESS, TEARING, BLURRED VISION, BURNS. SKIN: IRRITATION, DEFATTING, DERMATITIS, ABSORPTION. INHAL: ANESTHETIC, RESP TRACT IRRIT, NS DEPRESSION, DAMAGES KIDNEYS/BLOOD/NERVES/LIVER/LUNGS. INGEST: HARMFUL/FATAL, ABDOMINAL IRRIT, NAUSEA, VOMIT, DIARRHEA.

Medical Cond Aggravated by Exposure:SKIN/LIVER/KIDNEY PROBLEMS.

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

First Aid:EYE: FLUSH W/PLENTY WATER FOR 15 MINUTES, GET MED AID. SKIN: IMMEDIATELY REMOVE CONTAMINATED CLOTHES, WASH BEFORE REUSE. WASH THOROUGHLY W/ SOAP & WATER. INHAL: GET FRESH AIR. IF BREATHING DIFFICULT GIVE OXYGEN. IF BREATHING STOPPED, GIVE ARTIFICIAL RESPIRATION, CALL DR. INGEST: CALL DR IMMEDIATELY. DO NOT INDUCE VOMITING. HAVE PATIENT LIE DOWN & KEEP WARM/QUIET.

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

Flash Point Method:TCC

Flash Point:18.0F,-7.8C

Autoignition Temp:Autoignition Temp Text:555F

Lower Limits:1.6

Extinguishing Media:NFPA CLASS B FIRE EXTINGUISHER, (CARBON DIOXIDE OR FOAM).

Fire Fighting Procedures:WATER SPRAY MAY BE INEFFECTIVE. USE FOG NOZZLES IF WATER IS USED. DON'T ENTER CONFINED SPACE W/OUT FULL BUNKER GEAR. USE NIOSH APPROVED POSITIVE PRESSURE SCBA.

Unusual Fire/Explosion Hazard:ISOLATE FROM OXIDIZERS, IGNITION SOURCES. CLSD C

CONTAINER MAY EXPLODE W/EXTREME HEAT. APPLYING TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS. EMPTY CONTAINER VERY HAZ.

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

Spill Release Procedures:STOP SPILL AT SOURCE. DIKE AREA. ABSORB. MOP UP AND DISPOSE OF MATERIAL & EVAC AREA.

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

Handling and Storage Precautions:AVOID FREEFALL OF LIQUID. GROUND CONTAINERS WHEN TRANSFERRING. DO NOT FLAME/CUT/SAW/DRILL

/BRAISE/WELD. EMPTY CONTAINERS VERY HAZARDOUS.

Other Precautions:VAPORS MAY IGNIT EXPLOSIVELY/SPREAD LONG DISTANCES.

DO NOT STORE >120F. STORE LARGE AMOUNTS IN BUILDINGS MADE FOR OSHA CLASS I B LIQUIDS. KEEP CONTAINERS CLOSED/UPRIGHT WHEN NOT IN USE.

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

Respiratory Protection:USE NIOSH APPROVED POSITIVE PRESSURE SCBA. USE EXPLOSION PROOF EQUIPMENT.

Ventilation:LOCAL EXHAUST NECESSARY. MECHANICAL (GENERAL) ACCEPTABLE.

Protective Gloves:IMPERVIOUS.

Eye Protection:GOGGLES OR FACE SHIELD.

Other Protective Equipment:WEAR IMPERVIOUS APRON & FOOTWEAR.

Work Hygienic Practices:WASH CLOTHING BEFORE REUSE.

Supplemental Safety and Health
(MORE INFORMATION ON FILE).

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

Boiling Pt:B.P. Text:173 TO 262F

Vapor Pres:28.2

Vapor Density:3.0

Spec Gravity:0.824

VOC Pounds/Gallon:824

Solubility in Water:APPRECIABLE.

Appearance and Odor:WATER-WHITE LIQUID W/KETONE
ODOR.

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

Stability Indicator/Materials to Avoid:YES
LXIDIZERS.

Stability Condition to Avoid:HEAT.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL/STATE/FEDERAL
HEALTH & SAFETY POLUTION LAWS.

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

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ith this information by the compiling agencies):

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