

CSD INC -- A-A-857-B -- 8010-00-160-5788

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Product Identification
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Product ID:A-A-857-B
MSDS Date:12/04/1996
FSC:8010
NIIN:00-160-5788
MSDS Number: CHKGF
=== Responsible Party ===
Company Name:CSD INC
Address:5 HACKBURRY LANE
Box:3087
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: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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Ingred Name:N-BUTYL ACETATE (CERCLA)(SARA 313)
CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt: NA
Other REC Limits:NONE RECOMMENDED
OSHA PEL:150 PPM
ACGIH TLV:20 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:TOLUENE (SARA 313) (CERCLA)
CAS:108-88-3
RTECS #:XS52500

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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/STEL 300

ACGIH TLV:200 PPM/STEL
300

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA 313)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: NA

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM/STEL 500

ACGIH TLV:400 PPM/STEL 500

Ingred Name:N-BUTYL ALCOHOL (SARA 313) (CERCLA)

CAS:71-36-3

RTECS #:EO1400000

Fraction by Wt: 9.0%

Other REC Limits:50 PPM CEILING

OSHA PEL:100 PPM SKIN

ACGIH TLV:50 PPM SKIN

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE/SKIN: IRRITATION, DEFATTING,
DERMATITIS, ABSORPTION THROUGH SKIN, REDNESS, TEARING, BLURRED
VISION, BURNS. INHAL: ANESTHETIC, IRRITANT, SERIOUS CNS DEPRESSION,
KIDNEY, BLOOD, NERVES, LUNG DAMAGE. INGEST; HARMFUL OR FATAL,
ABDOMINAL IRRIT, NAUSEA, VOMITING, DIARRHEA.
Medical Cond Aggravated by Exposure:SEVERE SKIN, LIVER
OR KIDNEY
PROBLEMS.

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

First Aid:EYE: FLUSH W/WATER 15 MINUTES. GET MED AID. SKIN: REMOVE
CONTAM CLOTHES. WASH W/SOAP & WATER. WASH CLOTHES BEFORE REUSE.
DISCARD SHOES. INHAL: GET FRESH AIR. GIVE OXYGEN. GIVE ARTIFICIAL
RESPIRATION. GET IMMEDIATE MED AID. INGEST: GET IMMEDIATE MED AID.
DONT INDUCE VOMITING. KEEP PERSON LYING DOWN/WARM. VOMITING MAY
LEAD TO PNEUMONITIS WHICH CAN BE FATAL.

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

Flash Point Method:TCC
Flash Point:19.4F,-7.0C
Autoignition Temp:Autoignition Temp Text:290C
Lower Limits:1.6
Extinguishing Media:NFPA CLASS B EXTINGUISHERS, CO2/FOAM. FOR CLASS I B
LIQUID FIRES.
Fire Fighting Procedures:WATER SPRAY INEFFECTIVE, BUT EFFECTIVE TO COOL
CONTAINERS. USE FOG NOZZLES IF WATER IS USED. DONT ENTER FIRE SPACE
W/O FULL BUNKER GEAR. POSITIVE PRESSURE SCBA.
Unusual Fire/Explosion Hazard:VAPORS CAN CAUSE FLAS
H FIRE. CLOSED
CONTAINERS MAY EXPLODE IF EXPOSED TO EXTREME HEAT. EMPTY CONTAINER
VERY HAZARDOUS.

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

Spill Release Procedures:STOP SPILL AT SOURCE. DIKE/CONTAIN. USE
ABSORBENT. MOP/DISPOSE. EVACUATE.

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

Handling and Storage Precautions:KEEP FROM IGNITS/OXIDIZERS. USE
ADEQUATE VENT. AVOID VAPOR/MIST. NO SKIN/EYE CONTACT. AVOID FREE
FALL LIQ. GRO

UND CONTAINERS WHEN TRANSFERRING.

Other Precautions:DONT FLAME CUT/SAW/DRILL/BRAZE/WELD ON CNTNR. EMPTY CNTNR HAZARDOUS! VAPORS MAY IGNITE EXPLOSIVELY. PREVENT VAPOR BUILD-UP. DONT STORE >49C. STORE LG AMTS IN STRUCTURES PER OSHA CLASS 1B LIQUIDS. KEEP TIGHTLY CLOSED/UPRIGHT.

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

Respiratory Protection:IF >25PPM USE NIOSH APPROVED POSITIVE PRESSURE SCBA.

Ventilation:LOCAL EXHAUST, MECHANICAL (GENERAL)

Protective Gl

oves:YES

Eye Protection:STANDARD GOGGLES OR FACE SHIELD

Other Protective Equipment:APRON, IMPERVIOUS FOOTWARE.

Supplemental Safety and Health

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

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

Vapor Pres:28.2

Vapor Density:3.0 AIR=1

Spec Gravity:0.824

VOC Grams/Liter:6.86

Solubility in Water:APPRECIABLE

Appearance and Odor:LIQUID, WATER - WHITE, KETONE ODOR

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

Stability Indi

cator/Materials to Avoid:YES

STRONG OXIDIZERS (PERMANGANATES, CHROMATES, PEROXIDES)

Stability Condition to Avoid:KEEP FROM IGNITABLES

Hazardous Decomposition Products:CO, CO2.

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

Waste Disposal Methods:RECYCLE/DISPOSE PER FEDERAL, STATE, LOCAL REGULATIONS.

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

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