

CSD INC. -- 660069 CSD 97-741 -- 6810-00-286-0458

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Product Identification
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Product ID:660069 CSD 97-741

MSDS Date:06/22/1992

FSC:6810

NIIN:00-286-0458

MSDS Number: BRKSS

=== 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:JO933

=== Contractor Identifica

tion ===

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:CSD INC.

Address:5 HACKBERRY LANE

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

CAGE:JO933

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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: 51%

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EP

A Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:METHYL ISOBUTYL KETONE (SARA III)
CAS:108-10-1
RTECS #:SA9275000
Fraction by Wt: 48%
OSHA PEL:100 PPM/75 STEL
ACGIH TLV:50 PPM/75 STEL; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:TLV: 70 PPM (EVAPORATED BLEND)

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

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

Health Hazards Acute and Chronic:E

YES & SKIN-PRIMARY IRRITATION TO

SKIN, DEFATTING, DERMATITIS. INHALATION-ANESTHETIC. IRRITATES
RESPIRATORY TRACT. ACUTE OVEREXPOSURE CAN CAUSE SERIOUS NERVOUS
SYSTEM DEPRESSION. VAPOR HARMFUL. ACUTE OVEREXPOSURE CAN CAUSE
DAMAGE TO KIDNEYS, BLOOD, NERVES, LIVER & LUNGS. SWALLOWING-HARMFUL
OR FATAL IF SWALLOWED.

Explanation of Carcinogenicity:THIS PRODUCT HAS NO CARCINOGENS LISTED
BY IARC, NTP, NIOSH, OSHA OR ACGIH, AS OF THIS DATE, GREATER OR
EQUAL TO 0.1%.

Effects o

f Overexposure:EYE & SKIN-PRIMARY IRRITATION TO EYES, REDNESS,
TEARING, BLURRED VISION. SWALLOWING-SWALLOWING CAN CAUSE ABDOMINAL
IRRITATION, NAUSEA, VOMITING & DIARRHEA.

Medical Cond Aggravated by Exposure:PERSONS WITH SEVERE SKIN, LIVER,
HEART, LUNG, OR KIDNEY PROBLEMS SHOULD AVOID USE.

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

First Aid:EYE-IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MIN & CALL
PHYSICIAN. SKIN-IMMEDIATELY REMOVE CONTAMINATED CLOT

TING. WASH

THOROUGHLY WITH SOAP & WATER. INHALATION-AFTER HIGH VAPOR EXPOSURE,
REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT,GIVE OXYGEN. IF
BREATHING HAS STOPPED, PERFORM CPR. CALL PHYSICIAN. SWALLOWING-CALL
A PHYSICIAN IMMEDIATELY.

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

Flash Point Method:TCC

Flash Point:44.6F,7.0C

Lower Limits:1.4

Extinguishing Media:NFPA CLASS B EXTINGUISHERS (CARBON DIOIXDE OR FOAM)
FOR CLASS I B LIQUID FIRES. USE FOG NO

ZZLE IF WATER IS USED.

Fire Fighting Procedures:WATER SPRAY MAY BE INEFFECTIVE ON FIRE, BUT CAN PROTECT FIRE-FIGHTERS & COOL CONTAINERS. DO NOT ENTER CONFINED FIRE-SPACE WITHOUT FULL BUNKER GEAR. USE SCBA.

Unusual Fire/Explosion Hazard:FLAMMABLE! CLOSED CONTAINERS MAY EXPLOSDE IF EXPOSED TO HEAT. APPLYING TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS.

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

Spill Release Procedures:STOP SPILL AT SOURCE. DIKE AREA & CONTAIN.

CLEANUP REMAINDER WITH ABSORBENT MATERIALS. MOP UP & DISPOSE OF. PERSONS WITHOUT PROPER PROTECTION SHOULD BE KEPT FROM AREA UNTIL CLEANED UP.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:DO NOT STORE ABOVE 120F. STORE LARGE AMOUNTS IN STRUCTURES MADE OSHA CLASS I B LIQUIDS. KEEP CONTAINER TIGHTLY CLOSED & UPRIGHT WHEN NOT IN USE.

Other Precautions:ISOLATE FROM OXIDIZERS, HEAT, SPARKS, ELECTRIC

EQUIPMENT & OPEN FLAME. USE ONLY WITH ADEQUATE VENTILATION. AVOID BREATHING OF VAPOR OR SPRAY MIST. AVOID CONTACT WITH SKIN & EYES. AVOID FREE FALL OF LIQUID. GROUND CONTAINERS FOR TRANSFERRING

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

Respiratory Protection:WEAR NIOSH APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Ventilation:MECHANICAL (GENERAL): ACCEPTABLE. LOCAL EXHAUST: NECESSARY. USE EXPLOSION PROOF VENTILATION.

Protective Gloves:WEAR IMPERVIOUS GLOVES.

Eye Protection:OSHA STANDARD GOGGLES OR FACE SHIELD.

Other Protective Equipment:WEAR GLOVES, APRONS & FOOTWARE IMPERVIOUS TO THIS MATERIAL.

Work Hygienic Practices:WASH CLOTHING BEFORE REUSE.

Supplemental Safety and Health

DO NOT FLAME, CUT, SAW, DRILL, BRAZE OR WELD. EMPTY CONTAINERS VERY HAZARDOUS. CONTINUE ALL LABEL PRECAUTIONS.

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

HCC:F2

Boiling Pt:B.P. Text:231F,111C

Vap

or Pres:19.1

Vapor Density:3.3

Spec Gravity:0.839

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

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

ISOLATE FROM STRONG OXIDIZERS SUCH AS PERMANGANATES, CHEOMATES & PEROXIDES.

Stability Condition to Avoid:ISOLATE FROM HEAT, SPARKS, ELECTRIC EQUIPMENT & OPEN FLAMES.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE FROM BURNING.

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

Waste Disposal Methods:RECYCLE OR DISPOSE OF OBSERVING LOCAL, STATE AND FEDERAL HEALTH, SAFETY & POLLUTION LAWS. IF QUESTIONS EXIST CONTACT THE APPROPRIATE AGENCIES.

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