

C S D INC. -- TOLUENE,TECHNICAL -- 6810-00-290-0048

=====
Product Identification
=====

Product ID:TOLUENE,TECHNICAL

MSDS Date:09/29/1986

FSC:6810

NIIN:00-290-0048

MSDS Number: BGWYC

=== Responsible Party ===

Company Name:C S D INC.

Address:420 SEABOARD

City:MATTHEWS

State:NC

ZIP:28105-5073

Country:US

Info Phone Num:704-821-9822

Emergency Phone Num:704-821-9822

Preparer's Name:ROBERT G. SCHORY

CAG

E:KO821

=== Contractor Identification ===

Company Name:C S D INC.

Address:5 HACKBERRY

City:CUT & SHOOT

State:TX

ZIP:77302

CAGE:KO821

Company Name:CSD INC. (PRE 1985 NAME: MATHEWS, INC)

Address:420 SEABOARD DRIVE

Box:City:MATTHEWS

State:NC

ZIP:28105-5073

Country:US

Phone:704-821-9822

CAGE:5W216

=====
Composition/Information on Ingredients
=====

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 99.0%

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:IRRITATION OF EYES,SKIN AND
RESPIRATORY TRACT,CNS DEPRESSION,EFFECT ON KIDNEY,LIVER,BRAIN
CELLS,HEADACHE,NAUSEA,VOMITING. CHRONIC:IRRITATION,KIDNEY,LIVER OR
BRAIN DAMAGE.
Explanation of Carcinogenicity:NO DATA AVAILABLE.
Effects of Overexposure:SEE HEALTH HAZARDS DATA.
Medical Conditions Aggravated by Exposure:NO DATA AVAILABLE.

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

First Aid:EYES AND SKIN:FLUSH WITH WATER FOR AT LEAST 15-20
MINUTES,SEEK MEDICAL HELP. INHALATION:REMOVE TO FRESH AIR;SEEK
MEDICAL HELP. INGESTION:DO NOT INDUCE VOMITING,SEEK MEDICAL ADVICE
IMMEDIATELY.

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

Flash Point Method:TCC
Flash Point:45F/7.2C
Lower Limits:1.2
Extinguishing Media:FOAM,CO₂,DRY CHEMICAL.
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED
AREA.
Unusual Fire/Explosion Hazard:KEEP WORK AREAS FREE OF HOT METAL
SURFACES AND OTHER SOURCES OF IGNITIONS.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;REMOVE ALL
IGNITION SOURCES;CONTAIN FREE LIQUID;USE SUITABLE INERT ABSORBENT
MATERIAL AND RECOVER FOR PROPER DISPOSAL

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

Handling and Storage Precautions:STORE IN COOL,DRY AND WELL VENTILATED
AREA.KEEP AWAY FROM HEAT,OPEN FLAMES;KEEP CONTAINER TIGHTLY CLOSED.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC
VAPORS/MIST IF ABOVE PEL/TLV.
Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.
Protective Gloves:IMPERVIOUS.
Eye Protection:SAFETY GLASSES/GOGGLES

LES.

Other Protective Equipment:APRON,EYE WASH FACILITIES.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE VAPORS/MIST;DO NOT USE CONTAMINATED CLOTHES.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:=111.1C, 232.F

Vapor Pres:22 MMHG

Vapor Density:3.2

Spec Gravity:0.871

Evaporation Rate & Reference:4.5 (ETHER=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR,LITTLE IF ANY COLOR,CHARACTERISTIC ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS,STRONG ACIDS,OR BASES,SELECTED AMINES.

Stability Condition to Avoid:EXTREME HEAT.

Hazardous Decomposition Products:ON THERMAL DECOMPOSITION,CO AND/OR CO*2.

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

Waste Disposal Methods:INCINERATION OR DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this informat

ion to their
particular situation.