

CHEMICAL SPECIALISTS AND DEVELOPMENT INC -- A-A-3007 -- 8010-01-441-5940

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Product Identification
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Product ID:A-A-3007

MSDS Date:01/23/1998

FSC:8010

NIIN:01-441-5940

Status Code:A

MSDS Number: CLJNK

=== Responsible Party ===

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address:2210 HACKBERRY LN

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Info Phone Num:409-756-1065

Emergenc

y Phone Num:(800)424-9300

Preparer's Name:HENRY SIMMONS

Chemtec Ind/Phone:(800)424-9300

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

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Composition/Information on Ingredients
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Ingred Name:LIGHT ALIPHATIC SOLVENT NAPHTHA (PETROLEUM)

CAS:64742-89-8

OSHA PEL:500 PPM

ACGIH TLV:300 PPM

Ingred Name:ISOBUTYL ISOBUTY

RATE
CAS:97-85-8
RTECS #:NQ5250000
ACGIH TLV:100 PPM

Ingred Name:ISOPROPANOL
CAS:67-63-0
RTECS #:NT8050000
OSHA PEL:980 MG/M3;400 PPM
ACGIH TLV:983 MG/M3;400 PPM
ACGIH STEL:1230 MG/M3;500 PPM

Ingred Name:ETHYL ACETATE
CAS:141-78-6
RTECS #:AH5425000
OSHA PEL:1400 MG/M3;400 PPM
ACGIH TLV:1440 MG/M3;400 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:MIXED XYLENES
CAS:1330-20-7
RTECS #:ZE2100000
= Wt:5.
ACGIH TLV:434 MG/M3;100 PPM
ACGIH STEL:651 MG/M3;150 PPM

===== Ha
zards Identification =====

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Explanation of Carcinogenicity:THIS PRODUCT MAY CONTAIN LESS THAN 57
PPM OF BENZENE. NO CONSIDERED HAZARDOUS IN LOW CONCENTRATIONS.
ABSORPTIONS THRU SKIN MAY BE HARMFUL. STUDIES WITH LABORATORY
INDICATE THIS PRODUCT CAN CAUSE DAMAGE TO FETUS.
Effects of Overexposure:EYE AND SKIN CONTACT: PRIMARY IRRITATION TO
SKIN, DEFATTING, DERMATITIS. ABSORPTION THRU SKIN INCREASE
EXPOSURE.
PRIMARY IRRITATION TO EYES, REDNESS, TEARING, BLURRED
VISION. LIQUID CAN CAUSE EYE IRRITATION, WASH THOROUGHLY AFTER
HANDLING. INHALATION: ANESTHETIC. IRRITATES RESPIRATORY TRACT.
ACUTE OVEREXPOSURE. CAN CAUSE SERIOUS NERVOUS SYSTEM DEPRESSION.
VAPOR HARMFUL. BREATHING VAPOR CAN CAUSE IRRITATION. ACUTE
OVEREXPOSURE CAN CAUSE DAMAGE TO KIDNEYS, BLOOD, NERVES, LIVER &
LUNG SWALLOWING HARMFUL OR FATAL I SWALLOWED SWALLOWING CAN
CAUSE ABDOMINAL IRRITATION, NAUS

EA, VOMITING & DIARRHEA.

Medical Condition Aggravated by Exposure: CHRONIC OVEREXPOSURE CAN CAUSE DAMAGE TO KIDNEYS, BLOOD, NERVES, LIVER & LUNGS. PERSONS WITH SEVERE SKIN, LIVER OR KIDNEYS PROBLEMS SHOULD AVOID USE.

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

First Aid: EYE CONTACT: FOR EYES, FLUSH WITH PLENTY OF WATER FOR 15 MINUTES & GET MEDICAL ATTENTION. SKIN CONTACT: IN CASE OF CONTACT WITH SKIN IMMEDIATELY REMOVE CONTAMINATED CLOTHING. WASH THOROUGHLY

WITH SOAP AND WATER. WASH CONTAMINATED CLOTHING BEFORE REUSE. (DISCARD CONTAMINATED SHOES.) INHALATION: AFTER HIGH VAPOR EXPOSURE, REMOVE TO FRESH AIR, IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF BREATHING HAS STOPPED GIVE ARTIFICIAL RESPIRATION. CALL A PHYSICIAN IMMEDIATELY! IF SWALLOWED, CALL A PHYSICIAN IMMEDIATELY! DO NOT INDUCE VOMITING. HAVE PATIENT LIE DOWN & KEEP WARM. VOMITING MAY LEAD TO PNEUMONITIS, WHICH MAY BE FATAL.

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

Flash Point Method: TCC
Flash Point: -17.6C, 0.F
Lower Limits: 1.4

Extinguishing Media: NFPA CLASS B EXTINGUISHER (CARBON DIOXIDE OR FOAM) FOR CLASS 1 B LIQUID FIRES.

Fire Fighting Procedures: WATER SPRAY MAY BE INEFFECTIVE ON FIRE BUT CAN PROTECT FIRE FIGHTERS & COOL CLOSED CONTAINERS. USE FOG NOZZLES IF WATER IS USED. DO NOT ENTER CONFINED FIRE-SPACE WITHOUT FULL BUNKER GEAR. (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES & RUBBER BOOTS). U

USE NIOSH APPROVED POSITIVE-PRESSURE SELF CONTAINED BREATHING APPARATUS

Unusual Fire/Explosion Hazard: EXTREMELY FLAMMABLE! VAPORS CAN CAUSE FLASH FIRE. KEEP CONTAINER TIGHTLY CLOSED. ISOLATE FROM OXIDIZERS, HEAT, SPARKS, ELECTRIC EQUIPMENT & OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE IF EXPOSED TO EXTREME HEAT. APPLYING TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS. EMPTY CONTAINER VERY HAZARDOUS! CONTINUE ALL LABEL PRECAUTIONS

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

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Spill Release Procedures:STOP SPILL AT SOURCE. DIKE AREA & CONTAIN.
CLEAN UP REMAINDER WITH ABSORBENT MATERIALS. MOP UP & CONTAIN.
PERSONS WITHOUT PROPER PROTECTION SHOULD BE KEPT FROM AREA UNTIL
CLEANED UP.

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

Handling and Storage Precautions:HANDLING: 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. STORAGE: V APORS MAY IGNITE EXPLOSIVELY
& SPREAD LONG DISTANCE. PREVENT VAPOR BUILDUP. PULL OFF PILOT
LIGHTS.

Other Precautions:VAPORS MAY IGNITE EXPLOSIVELY & SPREAD LONG
DISTANCES. PREVENT VAPOR BUILDUP. PUT OUT PILOT LIGHTS TURN OFF
HEATERS, ELECTRIC EQUIPMENT & OTHER IGNITION SOURCES DURING USE &
UNTIL ALL VAPORS ARE GONE .

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

Ventilation:LOCAL EXHAUST: NECESSARY. ME
CHANICAL (GENERAL) : ACCEPTABLE
Protective Gloves:STANDARD GLOVES
Eye Protection:FACE SHIELD
Other Protective Equipment:WEAR GLOVES, APRON & FOOTWEAR IMPERVIOUS TO
THIS MATERIAL. WASH CLOTHING BEFORE REUSE.
Supplemental Safety and Health

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

Boiling Pt:=73.9C, 165.F
B.P. Text:165-304F
Vapor Pres:.791
Vapor Density:3.4
Spec Gravity:22.3
Appearance and Odor:LIQUID, WATER WHITE APPERANCE AND ESTER LIKE ODOR
Percent Volatiles by

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

Stability Indicator/Materials to Avoid:YES

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

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

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

===== Toxicological Information =====

Toxicological Information:SKIN CONTACT:

FLUSH WATER WHILE REMOVING

CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. DO NOT REUSE CONTAMINATED CLOTHING. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

===== Ecological Information =====

Ecological:EPA HAZARDOUS WASTE CODE: D001 CHARACTERISTICS:IGNITABLE

*HOT ORGANIC CHEMICAL VAPORS/MISTS SUSCEPTIBLE-SUDDEN SPONTANEOUS COMBUSTION WH-MIXED W/AIR.IGNITION MAY OCCUR@TEMPERATURES BELOW PUBLISHED IN LITERATURE AS"AUTOIGNITION"/

"IGNITION"TEMPERATURES.IGNITION TEMPERATURES

DECREASE W/INCREASING VAPOR VOLUME&VAPOR/AIR CONTACT TIME&INFLUENCED BY PRESSURE CHANGES.IGNITION MAY OCCUR@TYPICAL ELEVATED TEMPERATURE PROCESS CONDITIONS,ESPECIALLY IN PROCESS OPERATING UNDER VACUUM IF SUBJECTED-SUDDEN INGRESS OF AIR/OUTSIDE PROCESS.EQUIPMENT OPERATING UNDER ELEVATED PRESSURE IF SUDDEN ESCAPE OF VAPORS/MIST S-ATMOSHERE OCCURS.

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

Waste Disposal

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

===== MSDS Transport Information =====

Transport Information:KNOW APPLICABLE D.O.T. REGULATIONS BEFORE ATTEMPTING TO TRANSPORT THIS MATERIAL .

===== Regulatory Information =====

SARA Title III Information:THIS PRODUCT CONTAINS THE INDICATED FOLLOW

ING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING & COMMUNITY RIGHT TO KNOW ACT OF 1986 & 40 CFR 372. THIS INFORMATION MUST BE INCLUDED IN ALL MSDS THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL. SARA TITTLE III INGREDIENTS LIGHT ALIPHATIC SOLVENT NAPHTHA 64742-89-8, ISOBUTYRATE 97-85-8, ISOPRANOL 67-63-0 , ETHYL ACETATE 141-78-6, MIXED XYLENES 1330-20-7. SARA SECTION 311/312 HAZARDS: ACUTE HEALTH, FIRE. THIS PRODUCT CONTAINS NO EPA HAZARDOUS AIR POLLUTANTS (HAP) IN AMOUNTS >0.1%.

State Regulatory Information: CALIFORNIA PROPOSITION 65: THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER & REPRODUCTIVE TOXICITY: BENZENE

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

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