

CHEMICAL SPECIALISTS AND DEVELOPMENT, INC. (CSD) -- SOLVENT,210-66 -- 6810-00-265-0664

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Product Identification
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Product ID:SOLVENT,210-66

MSDS Date:11/30/1992

FSC:6810

NIIN:00-265-0664

Status Code:A

MSDS Number: CHYYB

=== Responsible Party ===

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT, INC. (CSD)

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Info Phone Num:409-756-1065/713-7

97-0395(MEDICAL)

Emergency Phone Num:713-923-6641/800-424-9300(CHEMTREC)

Preparer's Name:SUE BOTTOM

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-HEPTANE

CAS:142-82-5

RTECS #:MI7700000

Fraction by Wt: 2 - 6%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:500 P

PM
ACGIH TLV:400 PPM/500STEL;9596

Ingred Name:HEPTANE ISOMERS
Fraction by Wt: 30 - 40%
Other REC Limits:NONE RECOMMENDED

Ingred Name:NAPHTHALENE (SARA 313) (CERCLA)
CAS:91-20-3
RTECS #:QJ0525000
Fraction by Wt: 5 - 15%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 PPM
ACGIH TLV:10 PPM/15 STEL; 9596
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:NONANE ISOMERS
Fraction by Wt: 1 - 3%
Other REC Limits:NONE RECOMMENDED

Ingred Name:OCTANE ISOMERS
Fraction by Wt: 40 - 50%
Other REC Limits:NON
E RECOMMENDED

Ingred Name:TOLUENE (SARA 313) (CERCLA)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 1 - 3%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM; Z-2
ACGIH TLV:S, 50 PPM; 9596
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET

ORGANS: EYE, SKIN, CNS,
RESPIRATORY SYSTEM. ACUTE- EYE: SEVERE IRRITATION. SKIN:
PROLONGED/REPEATED CONTACT MAY CAUSE DEFATTING, IRRITATION.
INJECTION MAY CAUSE TISSUE DAMAGE. INHALE: MAY CAUSE CNS EFFECTS.
ORAL: HARMFUL/FATAL IF SWALLOWED. ASPIRATION HAZARD. CHRONIC- MAY
CAUSE DERMATITIS, CNS, LIVER EFFECTS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, DROWSINESS, DIZZINESS, NAUSEA,
VOMITING, HEADACHE, REDNESS, TEARING, BLURRED VISION, DEFATT
ING,
DERMATITIS, FATIGUE

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING
DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, CNS MAY HAVE
INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED: REMOVE TO
FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES: IMMEDIATELY FLUSH
WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN: WASH WI
TH
SOAP & WATER. ORAL: DO NOT INDUCE VOMITING. IF CONSCIOUS, RINSE
MOUTH WITH WATER. SEEK IMMEDIATE MEDICAL ATTENTION. IF SPONTANEOUS
VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF
VOMITUS INTO LUNGS.

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

Flash Point:33.0F,0.6C
Autoignition Temp:Autoignition Temp Text:500F
Lower Limits:1.0%
Upper Limits:6.4%
Extinguishing Media:USE FOAM, DRY CHEMICAL, CARBON DIOXIDE. DO NOT USE
WATER. PRODUCT
MAY FLOAT AND CAN BE REIGNITED.
Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND
NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL
FIRE-EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL
CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK.
CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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

Spill Release Procedures:WEAR PROTECTI

VE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. CONTAIN SPILL. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH/PUMP (EXPLOSION PROOF). GROUND ALL HANDLING EQUIPMENTS. PREVENT LIQUID FROM ENTERING SEWERS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, WELL VENTILATED AREA AWAY FROM HEAT, SPARKS, OTHER SOURCES OF IGNITION & INCOMPATIBLE MATERIA

LS. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:EMPTY CONTAINERS RETAIN RESIDUE. DO NOT WELD, SOLDER, DRILL OR EXPOSE SUCH CONTAINERS TO FLAME, SPARKS. AVOID REPEATED OR PROLONGED SKIN CONTACT. DO NOT GET IN EYES. DO NOT BREATHE VAPOR OR MIST. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:IF WORKING IN CONFINED AREAS, IF EXCESSIVE MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED

PERMISSIBLE EXPOSURE LIMITS (PEL), WEAR NIOSH-APPROVED RESPIRATORY PROTECTION FOR ORGANIC V APORS (REFER TO 29 CFR 1910.134).

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NEOPRENE IF REPEATED CONTACT POSSIBLE

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING, APRON, AND BOOTS IF SPILLS OR SPL

ASHING CAN OCCUR.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING, DRINKING/SMOKING.

Supplemental Safety and Health

FORMULA CHANGED. SEE PNI A. NOTE TO PHYSICIAN: IN CASE OF INGESTION, GASTRIC LAVAGE WITH ACTIVATED CHARCOAL CAN BE USED. USE OF AN INTRATRACHEAL TUBE PREVENTS ASPIRATION. INDIVIDUALS INTOXICATED SHOULD BE HOSPITALIZED FOR OBSERVATION (DELAYED EFFECTS ON BLOOD, HEART & LUNGS). HEART

MAY BE SENSITIZED TO CATECHOLAMINES.

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

HCC:F2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:205F - 242F

Vapor Pres:52 @ 100F

Vapor Density:3.7

Spec Gravity:0.75

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WATER-WHITE LIQUID; MILD HYDROCARBON ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, S

TRONG ACIDS, CAUSTICS, HALOGENS

Stability Condition to Avoid:HEAT, SPARKS, FLAMES, STATIC ELECTRICITY
AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
REACTIVE HYDROCARBONS (ALDEHYDES, AROMATICS, ETC.) MAY BE FORMED.

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

Waste Disposal Methods:RECLAIM BY DISTILLATION OR INCINERATE ABSORBED
MATERIALS IN A LICENSED HAZARDOUS WASTE FACILITY. DISPOSAL SHOULD
BE IN ACCORDAN
CE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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