

CHEMICAL SPECIALISTS & DEVELOPMENT -- CLEANING COMPOUND, SOLVENT --
6850-00-941-5054

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Product Identification
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Product ID:CLEANING COMPOUND, SOLVENT

MSDS Date:01/15/1991

FSC:6850

NIIN:00-941-5054

MSDS Number: BNCGX

=== Responsible Party ===

Company Name:CHEMICAL SPECIALISTS & DEVELOPMENT

Address:#5 HACKBERRY LANE

City:CUT & SHOOT

State:TX

ZIP:77303

Country:US

Info Phone Num:409-756-1065

Emergency Phone Num:800-424-9300(CHEMTREC)

Preparer's Name:DAVID SHIPP

CAGE:CHEMS

=== Contractor Identification ===

Company Name:CHEMICAL SPECIALISTS INC

Address:149 WEST TRIGG AVE

City:HARRISBURG

State:NC

ZIP:28075

Country:US

Phone:704-522-0825

CAGE:CHEMS

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Composition/Information on Ingredients
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Ingred Name:METHYLENE CHLORIDE (SARA III)

CAS:75-09-2

RTECS #:PA8050000

Fraction by Wt: 25%

Other REC Limits:NONE SPECIFIED

OSHA PEL:500 PPM/C,1000; Z2

ACGIH TLV:100 PPM, A

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

Ingred Name:ALIPHATIC PETROLEUM DISTILATES
CAS:8052-41-3
RTECS #:WJ8925000
Fraction by Wt: 70%
Other REC Limits:NONE SPECIFIED
OSHA PEL:500 PPM
ACGIH TLV:100 PPM; 9293

Ingred Name:PERCHLOROETHYLENE (SARA III)
CAS:127-18-4
RTECS #:KX3850000
Fraction by Wt: 5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:25PPM/100,A3 STEL;94
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

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

Rou

tes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Health Hazards Acute and Chronic:EYES: SEVERE

IRRIT/REDNESS/TEARING/BLURRED VISION. SKIN: MOD

IRRIT/DEFATTING/DERMITITIS. INHAL: NASAL/RESP

IRRIT/DIZZINESS/WEAKNESS/FATIGUE/NAUSEA/HEADACHE/POSSIBLE

UNCONSCIOUSNESS/ASPHYXIATION. INGES T: GASTROINTESTINAL

IRRIT/NAUSEA/VOMITING/DIARRHEA. ASPIR OF MAT'L INTO LUNGS CAN CAUSE
CHEM PNEUMONITIS (CAN BE FATAL).

Explanation of Carcinogenicity:METHYLENE CHLORIDE CAUSES CANCER IN

RATS, BUT IS NOT BELIEVED TO POSE A MEASURABLE RISK WHEN HANDLED AS
RECOMMENDED.*

Effects of Overexposure:CAN RAISE LEVEL OF CARBON MONOXIDE IN BLOOD
CAUSING CARDIASCULAR STRESS. LABORATORY TEST RESULTS SHOW THAT
METHYLENE CHLORIDE PRODUCED BENIGN TUMORS IN RATS EXPOSED TO
500PPM/CANCER IN RAT/MICE EXPO SED TO 1500PPM/HIGHER. LIVER
ABNORMALITES, KIDNEY DAMAGE, LUNG DAMAGE AND BRAIN DAMAGE.

Medical Cond Aggravated by Exposure:N/K

*NATIONAL CANCER

INSTITUTE CONCLUDED THAT FROM THE RESULTS OF BIOASSAY THAT
PERCHLOROETHYLENE IS A LIVER CARCINOGEN.

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First Aid Measures
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First Aid:SKIN: WASH W/SOAP AND WATER. RMV CONTAM CLOTHING. LAUNDER
BEFORE RE-USE. EYES: FLUSH W/LG AMOUNTS OF WATER, LIFT UPR/LWR LIDS
OCCASIONALLY. GET MED AID. INGEST: DO NOT INDUCE VOMITING. KEEP
WARM/QUIET . GET PROMPT MED AID. INHAL: RMV TO FRESH AIR. IF BREATH
DIFFICULT-ADMIN OXYGEN, IF STOPPED-GIVE A
RT RESP. KEEP PERSON
WARM/QUIET. GET IMMED MED AID. DO NOT GIVE STIMULANTS.
EPINEPHRINE/EPHEDRINE MAY*

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Fire Fighting Measures
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Lower Limits:1.0

Extinguishing Media:REGULAR FOAM OR CARBON DIOXIDE OR DRY CHEMICAL.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS WITH A
FULL FACEPIECE OPERATED IN THE PRESSURE-DEMAND MODE OR OTHER
POSITIVE PRESSURE MODE WHEN LIGHTING FIRES.
Unusual Fire/Explosion Hazard:NEVER USE WELDING
OR CUTTING TORCH ON OR
NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN RESIDUE) CAN IGNITE
EXPLOSIVELY. VAPORS ARE HEAVIER THAN AIR & MAY TRAVEL*

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Accidental Release Measures
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Spill Release Procedures:SMALL: ABSORB LIQ ON PAPER/VERMICULITE/FLOOR
ABSORB/OTHER ABSORB MAT'L. LG: ELIM ALL IGNIT SOURCES
(FLARES/FLAMES INCLUD PILOT LIGHTS/ELEC SPARKS/ETC). EVAC UNPROTECT
PERSONS FROM AREA. STOP SPILL AT SOURCE/DIKE AREA OF SPILL TO
PREVENT
SPREADING,**
Neutralizing Agent:N/K *ADVERSELY AFFECT
THE HEART WITH FATAL RESULTS.

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Handling and Storage
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Other Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN
EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR,
LIQUID, AND/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN THIS DATA
SHEET MUST BE OBSER VED.

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Exposure Controls/Personal Protection
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Respiratory Protection:A NIOSH

/MSHA APPROVED AIR SUPPLIED RESP IS

ADVISED. OSHA REG ALSO PERMIT OTHER NIOSH/MSHA RESP (NEGATIVE PRESS TYPE) UNDER SPECIFIED CONDITIONS. (SEE SAFETY EQUIP SUPPLIER.)

ENGINEERING OR ADMIN CONTR OLS SHOULD BE IMPLEMENTED TO REDUCE EXPO

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NEOPRENE.

Eye Protection:CHEMICAL SPLASH GOGGLES/SAFETY GLASSES.

Other Protective Equipment:WEAR IMPERVIOUS CLOTHING AND BOOTS.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:102.9 F

Vapor Pres:340 MM HG

Vapor Density:> AIR

Spec Gravity:H2O-1 >1

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:NEGLIGIBLE

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

Percent Volatiles by Volume:100

Corrosion Rate:NONCORRO

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

Stability In

dicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:N/K *ALONG THE GROUND OR BE MOVED BY VENT & IGNITED BY HEAT/PILOT LIGHTS/OTHER FLAMES/IGNIT SOURCES AT DISTANT LOCATION

Hazardous Decomposition Products:CANNOT OCCUR.

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

Waste Disposal Methods:N/K

**PUMP LIQUID TO SALVAGE

TANK. REMAINING LIQUID MAY BE TAKEN UP ON SAND, CLAY EARTH, FLOOR ABSORBANT, OR OTHE R

ABSORBANT MATERIAL AND SHOVELED INTO
CONTAINERS.

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