

NATIONAL CHEMSEARCH DIV OF NCH CORP -- 0135, SS-80 -- 6850-00N032369

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Product Identification  
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Product ID:0135, SS-80

MSDS Date:04/11/1986

FSC:6850

NIIN:00N032369

MSDS Number: BNQZT

=== Responsible Party ===

Company Name:NATIONAL CHEMSEARCH DIV OF NCH CORP

Box:152170

City:IRVINE

State:TX

ZIP:75015

Country:US

Info Phone Num:214-438-0401

Emergency Phone Num:214-438-4144

Preparer's Name:DON POKRAS

CAGE:D0481

=== Contractor Identification ===

Company Name:NATIONAL CHEMSEARCH DIV OF NCH CORP

Address:2727 CHEMSEARCH BLVD

Box:152170

City:IRVING

State:TX

ZIP:75015-5000

Country:US

Phone:972-438-1381

CAGE:D0481

Company Name:NCH CORP

Address:2727 CHEMSEARCH BLVD

Box:152170

City:IRVING

State:TX

ZIP:75015-2170

Country:US

Phone:972-438-0563

CAGE:20913

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Composition/Information on Ingredients  
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Ingred Name:ING 11:INDOTRACHAEL TUBE WILL PREVENT ASPIRATION. CONSULT

A  
POISON CONTROL CENTER.  
RTECS #:9999999ZZ

Ingred Name:LIGROINE; (ALIPHATIC PETROLEUM DISTILLATE)  
CAS:8032-32-4  
RTECS #:OI6180000  
OSHA PEL:500 PPM (MFR)  
ACGIH TLV:100 PPM (MFR)

Ingred Name:ETHANE, 1,1,1-TRICHLORO; (1,1,1-TRICHLOROETHANE). MFR CAS  
NO: 91-55-6. LD50:(ORAL,RAT)10,300 MG/KG  
CAS:71-55-6  
RTECS #:KJ2975000  
OSHA PEL:350 PPM;450 PPM STEL  
ACGIH TLV:350 PPM;450 PPM STEL  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS  
Ozone Depleting Chemical:1

Ingred Name:METHANE, DICHLORO-; (METHYLENE CHLORIDE)  
CAS:75-09-2  
RTECS #:PA8050000  
Other REC Limits:TLV: 100 PPM (MFR)  
OSHA PEL:500 PPM; 1000, C  
ACGIH TLV:50 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:SUPP DATA:NOT TO INTERFERE W/REPRODUCTION. NEGATIVE/OR  
EQUIVOCAL RSLTS HAVE BEEN OBTAINED USING MAMMALIAN CELLS (ING 5)  
RTECS #:9999999ZZ

Ingred Name:ING 4:/ANIMALS. THIS IS CONSISTENT W/LACK OF INTERACTION  
W/DNA IN RATS & HAMSTERS. ALTHOUGH RSLTS OF AMES BATERIAL(ING6)  
RTECS #:9999999ZZ

Ingred Name:ING 5:TESTS HAVE GENERALLY BEEN POSITIVE, OVERALL DATA  
SUGGEST THAT GENOTOXIC POTNTL DOES NOT APPEAR TO BE A (ING 7)  
RTECS #:9999999ZZ

Ingred Name:ING 6:SIGNIFICANT FACTOR IN TOX OF METHYLENE CHLORIDE.  
CHLOROCARBON MATLS HAVE PRDCD SENSIT OF MYOCARDIUM TO (ING 8)

RTECS #:9999999ZZ

Ingred Name:ING 7:EPINEPHRINE IN LAB ANIMALS & COULD HAVE SIMILAR EFT IN HUMANS. ADRENOMIMETICS (E.G., EPINEPHRINE) MAY BE (ING 9)

RTECS #:9999999ZZ

Ingred Name:ING 8:CONTRAINDICATED EXCEPT FOR LIFE-SUSTAINING USES IN HUMANS ACUTELY OR CHRONICALLY EXPOSED TO CHLOROCARBONS .

RTECS #:9999999ZZ

Ingred Name:FIRST AID PROC: GET MED ATTN IMMED. NOTES TO PHYS: DPNDG ON

AMT INGESTED & RETAINED AS WELL AS TOX OF PROD, (ING 11)

RTECS #:9999999ZZ

Ingred Name:ING 10:GASTRIC LAVAGE SHOULD BE CONSIDERED. KEEP HEAD BELOW

HIPS TO PVNT PULM ASPIR. IF COMATOSE, CUFFED (ING 12)

RTECS #:9999999ZZ

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

LD50 LC50 Mixture:SEE INGREDIENTS

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

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

Health Hazards Acute and Chronic:ACUTE: INHAL: CAN LEAD TO CNS DEPRESS,

CAN PRDCE HDCH, DIZZ, NAUS, & LOSS OF COORD & CONSCIOUSNESS. SKIN: DEFAT OF SKIN & IRRIT. EYES: IRRIT, TEARS, & RED. INGEST: NAUS, DIZZ, VOMIT, POSS LOSS OF CONS CIOUSNESS. CHRONIC: CNS DEPRESS, KIDNEYDAM, DERM, & LIVER DAM. EXCESSIVE EXPOS MAY CAUSE CNS, LIVER (EFTS OF OVEREXP)

Explanation of Carcinogenicity:METHYLENE CHLORIDE: ANTICIPATED TO BE A CARCINOGEN (NTP), GROUP 2B(IARC).

Effects of Overexposure:HLTH HAZ:/KIDNEY EFTS. METHYLENE CHLORIDE HAS BEEN SHOWN TO INCR RATE OF SPONT OCCURING MALIGNANT TUMORS IN ONE STRAIN OF LAB MOUSE & BENIGN TUMORS IN LAB RATS. OTHER ANIMAL STUDIES, & SEVERAL EPIDEMI OLOGY STUDIES, FILED TO SHOW A TUMORIGENIC RESPONSE RELATABLE TO METHYLENE CHLORIDE. IT IS NOT BELIEVED TO (SUPP DATA)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHAL: REMOVE TO FRESH AIR & TREAT SYMPTOMATICALLY. GIVE O2 IF BRTHG IS DFCLT. GIVE ARTF RESP IF BRTHG STOPS. GET MED HELP. EYE: FLUSH W/H2O FOR @ LST 15 MIN. SEE PHYS IF IRRIT PERSISTS. SKIN: WASH W/ SOAP/H2O. APPLY AN EMOLLIENT RICH CREAM. SEE PHYS IF IRRIT PERSISTS. INGEST: DO NOT INDUCE VOMIT, EVEN IF VOMIT OCCURS. IF IT OCCURS, KEEP HEAD BELOW HIPS TO PVNT ASPIR OF LIQ INTO LUNGS.  
(ING 10)

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Fire Fighting Measures  
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Flash Point Method:TOC  
Flash Point:185F,85C  
Extinguishing Media:FOAM, CO2, DRY CHEMICAL.  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED PRESSURE DEMAND SCBA AND FULL PROTECTIVE EQUIPMENT .  
Unusual Fire/Explosion Hazard:PHOSGENE CAN BE PRODUCED. THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE HCL & PHOSGENE .

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Accidental Release Measures  
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Spill Release Procedures:REMOVE ALL SOURCES OF IGNIT. PVNT FROM ENTERING SEWER/H2O SOURCES. VENT ENCLOSED SPACES/WEAR APPROP RESP FOR PROT. CLEANUP-PUMP UP (EXPLOSION PROOF MOTORS), OR SOAK UP WITH SAND, COTTON WASTES OR OTHE R ABSORBANT.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:STORE IN ORIGINAL CONTAINER ONLY. FOLLOW LABEL DIRECTIONS. STORE INDOORS BETWEEN 50&120F.  
Other Precautions:KEEP FROM CHILDREN. NO SMOKING IN AREA OF USE. DO NOT USE IN GENERAL VICINITY OF ARC WELDING, OPEN FLAMES OR HOT SURFACES. HEAT &/OR UV RADIATION MAY CAUSE FORMATION OF HCL &/OR PHOSGENE .

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Exposure Controls/Personal Protection  
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Respiratory Protection:NO RESP IS NEEDED IN NORMAL USE. IN EMER SITUATIONS, HOWEVER THE FOLLOWING ARE RECOMMENDED: NIOSH/MSHA

APPRVD GASMASK W/ORGANIC VAP CANISTER & FULL FACE PLATE/SUPPLIED AIR W/FULL FACEPLATE/SCBA W/FULL FACE PLATE.

Ventilation:SUFFICIENT VENTILATION TO BE BELOW ALLOWABLE CONCENTRATION.

Protective Gloves:VITON, PVA OR EQUIVALENT.

Eye Protection:CHEM WRKRS GOG & FULL LGTH FSHLD .

Other Protective Equipment:HEADGEAR & APRON WHEN SPRAYING. DO NOT WEAR CONTACT LENSES. EMERG EYE WASH & DELUGE SHOWER .

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

EFTS OF OVEREXP: POSE A MEASURABLE CARCIN RISK TO MAN WHEN HNDLD AS RECOM. BIRTH DEFECTS ARE UNLIKELY. EXPOS HAVING NO EFT ON MOTHER SHOULD HAVE NO EFT ON FETUS. DID NOT CAUSE BIRTH DEFECTS IN ANIMALS

; OTHER EFTS WERE SEEN IN FETUS ONLY @ DOSES WHICH CAUSED TOX EFTS TO MOTHER. IN ANIMAL STUDIES, HAS BEEN SHOWN (ING 4)

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

HCC:V4

Boiling Pt:B.P. Text:113F,45C

Vapor Pres:120

Vapor Density:1

Spec Gravity:0.986(H2O=1)

Evaporation Rate & Reference:0.1(BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:COLORLESS, SWEET SOLVENT ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, BASES & SELECTED AMINES. ALSO ALUMINUM.

Stability Condition to Avoid:OPEN FLAMES.

Hazardous Decomposition Products:CAN @ DECOMPOSITION TEMPERATURE RELEASE CO2 OR CO, PHOSGENE, & HYDROGEN CHLORIDE.

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

Waste Disposal Methods:WASTE LIQ SHOULD BE SENT TO A LICENSED RECLAIMER/ INCINERATED @ A LICENSED INCINERATOR. ALSO SPILLED SOLV & ABSORBANT WIPING MATL SHOULD BE DISPOSED OF IN A WASTE MANAGEMENT

FACILITY LICENSED FOR THIS PURPOSE. DISPOSE OF I/A/W FED/ST &  
LOCREGS

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