

CROWN CHEMICAL CORP -- PD 680 TYPE II, 101302 -- 6850-00-274-5421

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Product Identification  
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Product ID:PD 680 TYPE II, 101302

MSDS Date:09/16/1993

FSC:6850

NIIN:00-274-5421

MSDS Number: CGDXJ

=== Responsible Party ===

Company Name:CROWN CHEMICAL CORP

Address:1888 NIRVANA AVE

City:CHULA VISTA

State:CA

ZIP:91911

Country:US

Info Phone Num:619-421-6601

Emergency Phone Num:800-424-9300 (CHEMT  
REC)

CAGE:1194X

=== Contractor Identification ===

Company Name:CROWN CHEMICAL CORP

Address:1888 NIRVANA AVE

Box:City:CHULA VISTA

State:CA

ZIP:92011-6118

Country:US

CAGE:1194X

Company Name:PROCHEM SPECIALITY PRODUCTS INC

Address:115E 18TH ST

Box:City:NATIONAL CITY

State:CA

ZIP:91950

Country:US

Phone:619-474-6494

CAGE:65799

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Composition/Information on Ingredients  
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Ingred Name:KEROSENE (PETROLEUM), HYDROTREATED; (PETROLEUM HYDROCARBON)

CAS:64742-47-8

RTECS #:OA5504000

Fraction by Wt: 93%  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:ALKYL BENZENES, C-10 TO C-12; (ALKYBENZENES)  
CAS:68515-25-3  
Fraction by Wt: 7%  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:VOLATILE ORGANIC CONTENT 6.55 LBS/GAL (789 GR/L)  
RTECS #:9999999VO  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:SUP DAT: OF LIQUID INTO LUNGS. GET MD ATTN. PHYSICIAN NOTE:  
IF MORE THAN 2.0 ML/KG HAS BEEN INGESTED & VOMIT HAS (ING 5)  
RTECS #:9999999ZZ

Ingred Name:ING 4: NOT OCCURRED, EMESIS SHOULD BE INDUCED  
W/  
SUPERVISION. KEEP VICTIM'S HEAD BELOW HIPS TO PREVENT ASPIR. IF  
(ING 6)  
RTECS #:9999999ZZ

Ingred Name:ING 5: SYMP SUCH AS LOSS OF GAG REFLEXES, CONVULSIONS/UNCON  
OCCUR BEFORE EMESIS, GASTRIC LAVAGE USING CUFFED (ING 7)  
RTECS #:9999999ZZ

Ingred Name:ING 6: ENDOTRACHEAL TUBE SHOULD BE CONSIDERED.  
RTECS #:9999999ZZ

Ingred Name:SPILL PROC: WATER FOG MAY BE USED TO SUPPRESS. CONTAIN RUN-  
OFF. REMOVE W/VACUUM TRUCKS/PUMP TO STOR/SALVAGE (ING 9)  
RTECS #:9999999ZZ

Ingred Name:ING 8: VESS  
EL. SOAK UP RESIDUE W/ABSORB (I.E. VERMICULITE/  
OTHER SUITABLE MATL). PLACE IN NON-LEAKING CONTRS FOR (ING 10)  
RTECS #:9999999ZZ

Ingred Name:ING 9: PROPER DISP. FLUSH AREA W/WATER TO REMOVE TRACE  
RESIDUE. DISP OF FLUSH SOLUTIONS AS ABOVE. SML SPILLS: (ING 11)  
RTECS #:9999999ZZ

Ingred Name:ING 10: SOAK UP W/ABSORB MATL & PLACE IN NON-LEAKING  
CONTRs. SEAL TIGHTLY & IDENTIFY CONTR FOR PROPER DISP. (ING 12)  
RTECS #:9999999ZZ

Ingred Name:ING 11: ENVIRONMENTAL IMPACT: SPILLS SHOULD BE RE

PORTED TO

NATL RESPONSE CENTER & OTHER AGENCIES AS DICTATED BY REGS.

RTECS #:9999999ZZ

Ingred Name:OTHER PREC: TO SURROUNDING AREAS.

RTECS #:9999999ZZ

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYES: WILL CAUSE IRRIT. MAY CAUSE PAIN, TEARING, & INFLAMM. HIGH VAP CONCS M

AY ALSO BE IRRIT. SKIN:

MILDLY IRRIT. PRLNG/RPTD CONT CAN RSLT IN DEFAT & DRYING OF SKIN WHICH MAY RSLT IN SKIN IRRIT & DERM . INHAL: VAPS MAY BE IRRIT TO NOSE, THROAT, & RESP TRACT. HIGH VAP CONCS MAY CAUSE CNS DEPRESS. (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ: INGEST: MAY RSLT IN VOMIT; ASPIR

(BRTHG) OF VOMITUS INTO LUNG SHOULD BE AVOIDED AS EVEN SML QTYS MAY RSLT IN ASPIR PNEUMIT. SIGNS & SYMP: IRRIT AS NOTED ABOVE

. EARLY TO

MD CNS (CENTRAL NERVS SYS) DEPRESS MAY BE EVIDENCED BY GIDD,HDCH, DIZZ & NAUS. IN EXTREME CASES UNCON & DEATH MAY OCCUR. ASPIR (SUP DAT)

Medical Cond Aggravated by Exposure:PRE-EXISTING EYE, AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

INTENTIONAL ABUSE, MISUSE OR MASSIVE EXPOSURE MAY CAUSE MULTIPLE ORGAN DAMAGE AND/OR DEATH.

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

First Aid:EYES: HOLD EYELIDS OPEN & F

LUSH W/PLENTY OF WATER FOR AT

LEAST 15 MIN. GET MD ATTN. SKIN: REMOVE CONTAM CLTHG & SHOES. FLUSH SKIN W/WATER. FOLLOW BY WASHING W/SOAP & WATER. IF IRRIT OCCURS, GET MD ATT N. DO NOT REUSE CLTHG UNTIL CLEANED. INHAL: REMOVE VICTIM TO FRESH AIR, IF BRTHG IS DFCLT PROVIDE OXYGEN, IF NOT BRTHG PROVIDE ARTF RESP. GET MD ATTN. INGEST: DO NOT INDUCE VOMIT. IF VOMIT (SUP DAT)

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

Flash Point Method:TCC

Flash Poi

nt:142F,61C

Lower Limits:1%

Upper Limits:6%

Extinguishing Media:WATER FOG, FOAM, DRY CHEM/CO2. DO NOT USE DIRECT STREAM OF WATER. PROD WILL FLOAT & CAN BE REIGNITED ON SURF OF WATER.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT . CLEAR FIRE AREA OF UNPROT PERS. COOL FIRE-EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:CONTRS EXPOSED TO INTENSE HEAT FROM FIRES SHOULD BE COOLED W/WATER TO PREVENT VAP PRESS BUILDUP WHICH COULD RSLT IN CONTR RUPTURE. CONTR AREA EXPOSED (SUP DAT)

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

Spill Release Procedures:ELIMINATE ALL IGNIT SOURCES. HNDLG EQUIP MUST BE GROUNDED TO PREVENT SPARKING. LGE SPILLS: EVACUATE HAZ AREA OF UNPROT PERS. WEAR APPROP RESP & PROT CLTHG. SHUT OFF SOURCE OF LEAK ONLY IF SAFE TO DO S O. DIKE & CONTAIN. IF VAP CLOUD FORMS, (ING 8)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage ===

Handling and Storage Precautions:STORE CONTRS IN SAFE NON-TRAFFIC AREA. KEEP CONTR CLOSED & WELL IDENTIFIED. WHEN TRANSFERRING PROD USE BONDING PROC. WARNING! COMBUSTIBLE!

Other Precautions:DO NOT CUT, DRILL, GRIND, WELD/SIMILAR OPERATIONS ON/ NEAR EMPTY CONTRS. KEEP LIQUID & VAPS AWAY FROM HEAT, SPARKS, FLAME/OTHER IGNIT SOURCES. POST NO SMOKING/SIMILAR WARNING SIGNS. VAPS NORM HVR/AIR & CAN BE MOVED BY AIR CURRENTS (ING 13)

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

Respiratory Protection:AVOID PRLNG/RPTD BRTHG OF VAPS. USE NIOSH/MSHA APPRVD RESP TO AVOID OVEREXPOS, WHEN ANTICIPATED EXPOSURE EXCEEDS OCCUPATIONAL EXPOSURE LIMITS. USE EITHER ATMOSPHERE-SUPP RESP/AIR-PURIFYING RESP FOR OR G VAPS.

Ventilation:USE EXPLOSION-PROOF VENTILATION AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS.

Protective Gloves:CHEMICAL-RESISTANT GLOVES.

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGS .

Other Protective Equipment:W

WEAR APPROPRIATE CLOTHING TO MINIMIZE CONTACT. EMERGENCY EYEWASH & DELUGE SHOWER MEETING ANSI DESIGN CRITERIA .

Work Hygienic Practices: AIR-DRY CONTAMINATED CLOTHING IN A WELL-VENTILATED AREA. LAUNDRY BEFORE REUSE.

Supplemental Safety and Health

EXPLO HAZ: TO DIRECT FLAME CONTACT SHOULD BE COOLED W/LGE QTY'S OF WATER AS NEEDED TO PREVENT WEAKENING OF CONTN. EFTS OF OVEREXP: PNEUMITIA MAY BE EVIDENCED BY COUGHING, LABORED BRTHG & CYANOSIS (BLUISH SK IN). IN SEV CASES DEATH MAY OCCUR.

FIRST AID PROC: OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIR (ING 4)

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

HCC:V5

Boiling Pt: B.P. Text: >371F, >188C

Vapor Pres: 0.75 @ 20C

Vapor Density: 5.8

Spec Gravity: 0.79

Evaporation Rate & Reference: 0.04 (BUTYL ACETATE = 1)

Solubility in Water: NEGLIGIBLE

Appearance and Odor: WATER-WHITE WITH PAINT THINNER ODOR

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

Stability Indicator/ Materials to Avoid: YES

AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: AVOID HEAT, SPARKS, FLAME.

Hazardous Decomposition Products: CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION.

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

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

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