

AKZO CHEMICALS INC (FORMERLY STAUFFER CHEM CO) -- CADOX M-50 -- 6810-01-120-0408
===== Product Identification =====

Product ID:CADOX M-50

MSDS Date:03/07/1997

FSC:6810

NIIN:01-120-0408

MSDS Number: BJXRV

=== Responsible Party ===

Company Name:AKZO CHEMICALS INC (FORMERLY STAUFFER CHEM CO)

Address:300 S. RIVERSIDE PALZA

City:CHICAGO

State:IL

ZIP:60606

Country:US

Info Phone Num:312-906-7850/312-9

06-7522

Emergency Phone Num:312-906-7054/CHEMTREC 800-424-9300

Resp. Party Other MSDS Num.:11-074673

CAGE:HO797

=== Contractor Identification ===

Company Name:AKZO CHEMICALS INC (FORMERLY STAUFFER CHEM CO)

Address:300 S. RIVERSIDE PALZA

City:CHICAGO

State:IL

ZIP:60606

Country:US

Phone:312-906-7500

CAGE:HO797

Company Name:AKZO NOBEL CHEMICALS INC

Address:300 S. RIVERSIDE PLAZA

Box:City:CHICAGO

State:IL

ZIP:60606-6613

Country:US

Phone:312-906-7500 TECH: 800-828-792

CAGE:97854

Company Name:MAHOGAN

Y CO.
Address:1100 ATLANTIC AVENUE
Box:City:MAYS LANDING
State:NJ
ZIP:08330-2006
Country:US
Phone:609-625-8101
CAGE:5U815

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Composition/Information on Ingredients
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Ingred Name:METHYL ETHYL KETONE PEROXIDE (MEKP) (CERCLA), ACTIVE OXYGEN
CONTENT = 8.9%

CAS:1338-23-4
RTECS #:EL9450000
Fraction by Wt: 32.000%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C 0.7 PPM
ACGIH TLV:C 0.2 PPM; 9596
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:DIMETHYLPHTHALATE (SARA 313) (CERCLA)

CAS:131-11-3
RTECS #:TI1575000
Fraction by Wt: 45-50%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3; 9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:HYDROGEN PEROXIDE (SARA 302)

CAS:7722-84-1
RTECS #:MX0900000
Fraction by Wt: 5.000%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 PPM
ACGIH TLV:1 PPM; 9596

Ingred Name:2,2,4-TRIMETHYLPENTANEDIOL-1,3-DIISOBUTYRATE

CAS:6846-50-0
RTECS #:SA1420000
Fraction by Wt: 15-20%
Other REC Limits:NONE RECOMMENDED

Ingre

d Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 2.000%
Other REC Limits:NONE RECOMMENDED

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===== 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:INHAL:VAP/MIST CAN CAUSE SEVERE IRRIT
TO RESP TRACT,CENTRAL NERVOUS SYSTEM DEPRESS.SKIN:CAN CAUSE CHEM
BURNS W/ SEVERE BLISTER
ING.EYE:CAN CAUSE IMMED SEVERE RX,MAY RESULT
IN LOSS OF FUNCTIONAL VISION IN INVOLVED EYE.INGEST:MAY CAUSE
BURNING SENS OF MOUTH, ABD PAIN,CHEM BURNS OF GI TRACT
W/SCARRING/STRICTURE OF (SUPPLEM
Explanation of Carcinogenicity:PER MSDS:CARCINOGENICITY:IARC/NTP/OSHA/
ACGIH:NO.
Effects of Overexposure:SEVERE IRRIT TO RESP TRACT, CNS DEPRESS, CHEM
SKIN BURNS W/SEVERE BLISTERING, IMMED SEVERE EYE RX MAY REUSLT IN
LOSS OF VIISON, BURNING SENS OF MOUTH, ABDOMINAL PAIN, CHEM BUR
NS
OF GI TRACT W/ SCARRIN G & STRICTURE OF ESOPHAGUS, NAU,
VOMIT,DIARR, HEAD, DIZZ, CNS DEPRESS W/HYPOTENSION, UNCONSC.
Medical Cond Aggravated by Exposure:PERSONS W/PRE-EXISTING SKIN &/OR
RESPIRATORY DISEASE MAY BE AT INCREASED RISK IF EXPO TO THIS MATL.
TARGET ORGANS: OVEREXPO MAY AFFECT SKIN,EYES,RESP SYSTEM.

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

First Aid:INHAL:REMOVE TO FRESH AIR.DIFFI BREATH GIVE OXY W/DR
ADVICE.NOT BREATH GIVE ART RESP.
GET MED ATTN.SKIN:IMMED REMOVE
CONTAM CLOTH/SHOE.WASH W/SOAP/PLENTY OF WATER FOR @LEAST
15MINS.DON'T ATTEMPT TO NEU TRA W/CHEM AGENTS.GET MED
ATTN.EYE:IMMED FLUSH W/LG QUANT RUNNING WATER FOR 15MINS MIN;HOLD
EYELIDS OPEN.REMOVE CONTACT LENSES.DON'T RUB/NEUTRA W/CHEM
AGENTS.GET MED ATTN IMMED.INGEST:IMMED GIVE (SUP)

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

Flash Point Method:SCC
Flash Point:180F,82C
Autoignition Temp:Autoignition Temp Text:ND
Lowe

r Limits:ND

Upper Limits:ND

Extinguishing Media:USE WATER FOG,DRY CHEM,CO2,FOAM EXTINGUISHING AGENTS. LG:LG AMTS OF WTERSPRAY,FOG,FOAM FROM SAFE/PROT POSISTION.

Fire Fighting Procedures:PREVENT EXPO TO FIRE/SMOKE/FUME/COMBUST PROD.EVACUATE NONEXXENTI PEOPLE.WEAR FULLFACE SCBA,IMPERV PROT CLOTH.MOVE CNTNR FROM FIRE AREA;COOL W/WATER FOG/SPRAY.

Unusual Fire/Explosion Hazard:PRODUCT HIGHLY REACTIVE & THERMALLY UNSTABLE.PEROXIDES & THEIR DECOMPO PRODUCTS ARE FLAMM & CAN IGNITE W/ EXPLO FORCE IF CONFINED.

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

Spill Release Procedures:REMOVE ALL IGN SOURCES.STOP SPILL SOURCE.USE NON-SPARK TOOLS.DIKE PREVENT SPREADING.FIRE/EXPLO HAZ IN SEWERS.VENTI- PREVENT FORMATION OF FLAMM/OXY DEFICIENT ATM.USE PROPER PPE.STAY UPWIND. SOAK W/POLY ETHYLENE FOAM ABSORB.SWEEPUP/PLACE IN CNTNR.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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Handling and Storage Precautions:ELECTRICALLY GROUND TK/CNTNR/TOOLS/ APPLIANCES.GROUND/BOND ALL VESSELS WHEN TRANSF-PREVENT ACCUMULATION OF STATIC DISCHARGE.STORE TEMP 131F.KEEP CNTNR TIGHTLY CLSD.STORE AWAY FROM RED AGENTS/ACCELE R. OPN WHEN READY TO USE.

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

Respiratory Protection:NIOSH APPROV ORG VAP RESP W/DUST/MIST/FUME FILT- REDUCE POT FOR INHAL EXPO IF USE CONDITIONS GENERATE VAP/MIST/AERO/ADQUA VENTI N/AVAI.NECESSARY HI LEVEL OF PROT USE NIOSH APPROV +PRESS/PRESS DEMAND A IRSUPP RESP.CHANGE CANIS/CARTR FREQUENTL

Ventilation:LOC EXHAU VENTI/ENCLSD/SYS DESIGN/CONT MONITORING DEVICES/ PROCESS ISO/REMOTE CNTRL-TRADITIONAL EXPO CONTROL TECHNIQUES.

Protective Gloves:PERMEATION RESISTANT GLOVES.

Eye Protection:CHEM GOGG &/OR FULL FACESHIELD.

Other Protective Equipment:PERMEATION RESIST CLOTH/FOOTWEAR.SAF SHOWERS(QUICK OPN VALV WHICH STAY OPN),EYEWASH FOUNTAINS,WATER SUPPLY.

Wor

k Hygienic Practices:WASH CONTAM CLOTH BEF REUSE;CLEAN WELL/DESTROY
CONTAM SHOES.WASH WELL AFT HNDLG.WASH BEF EAT/DRINK/SMOKE/END OF
WORKSHIF

Supplemental Safety and Health

HEALTH HAZ:ESOPHAGUS.NAU,VOMIT,DIARR,HEAD, DIZZ,CNS DEPRESS
W/HYPOTENSION/UNCONSC. HEALTH HAZ:SEVERAL GLASSES OF WATER.DON'T
INDUCE VOMIT;IF SO KEEP HEAD BEL HIPS-ASPIRATION RISK.GIVE FLUIDS
AGAIN.CAL L DR.NEVER GIVE ANYTHING BY MOUTH IF UNCONSC/CONVUL.DR:
DELAY KERATITIS. ACTIVE OXYGEN CONTENT OF THIS
PRODUCT IS 8.9%.

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

HCC:P1

Boiling Pt:B.P. Text:ND

Melt/Freeze Pt:M.P/F.P Text:ND

Decomp Temp:Decomp Text:NP

Vapor Pres:ND

Vapor Density:ND

Spec Gravity:1.17 @25C

pH:ND

Viscosity:NP

Evaporation Rate & Reference:ND

Solubility in Water:ND

Appearance and Odor:CLEAR, COLORLESS LIQUID WITH FAINT KETONE ODOR.

Percent Volatiles by Volume:ND

Corrosion Rate:NP

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

Sta

bility Indicator/Materials to Avoid:YES

AVOID CONTACT W/STRONG ACIDS,STRONG ALKALIS,STRONG
OXIDIZERS,ACCELERATORS, REDUCING AGENTS.

Stability Condition to Avoid:MAY DECOMPOSE IF EXPO TO TEMPERATURE ABOVE
131F.SADT(SELF ACCEL DECOMPO TEMP)=140F.

Hazardous Decomposition Products:THERM DECOMP PROD MAY INCLUDE TOXIC
OXIDES OF CARBON & FLAMM GASES & VAP. INCLUDE
CO,CO2,ETHANE,METHANE.

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

Waste Disposal Methods:D001,D0

03 PER RCRA ON UNUSED PROD IF WASTE MATL.

WASTE GENERATOR RESPONSIBILITY TO EVALUATE WHERE WASTE HAZ BY
CHARACT/ LISTING.DISPO WASTE MATL/EMPTY CNTNR IAW FED/STATE/LOC
REGS.STATE/LOC REG MAY B E MORE STRINGENT THAN FED REG.ENVIRO HAZ
MATL PRES

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