

AKZO CHEMICALS INC -- CADOX M-50 A -- 6810-01-120-0408

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Product Identification
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Product ID:CADOX M-50 A

MSDS Date:02/25/1998

FSC:6810

NIIN:01-120-0408

MSDS Number: CHHRK

=== Responsible Party ===

Company Name:AKZO CHEMICALS INC

Address:300 S. RIVERSIDE PALZA

City:CHICAGO

State:IL

ZIP:60606

Country:US

Info Phone Num:800-828-7929

Emergency Phone Num:914-963-6946/800-424-9300(CHEMTREC)

C

AGE: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:MAHOGANY 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)
CAS:1338-23-4
RTECS #:EL9450000
Fraction by Wt: 30 - 35%
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:HYDROGEN PEROXIDE (SARA 302)
CAS:7722-84-1
RTECS #:MX0900000
Fraction by Wt: < 3%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 PPM
ACGIH TLV:1 PPM; 9596

Ingred Name
:1,3-PENTANEDIOL,2,2,4-TRIMETHYL-,DIISOBUTYRATE
CAS:6846-50-0
RTECS #:SA1420000
Fraction by Wt: 60 - 70%
Other REC Limits:NONE RECOMMENDED

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: < 2%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:NOT RELEVANT
ACGIH TLV:NOT RELEVANT

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Hazards Identification
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LD50 LC50 Mixture:LD50 (ORAL, RAT) IS > 3,200 MG/KG.
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, RESPIRATORY & GI TRACTS. ACUTE- EYE:CAN CAUSE BURNS, POSSIBLY BLINDNESS. SKIN:MAY CAUSE IRRITATION OR CHEMICAL BURNS. INHALE:OVEREXPOSURE MAY CAUSE SEVERE IRRITATION OF RESPIRATORY TRACT. ORAL:MAY CAUSE SEVERE IRRITATION/BURNS OF MOUTH, THROAT, ESOPHAGUS, STOMACH. CHRONIC-CORROSIVE TO EYES.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:SEVERE IRRITATION, HEADACHE, NAUSEA, VOMITING,

DIARRHEA, ABDOMINAL PAIN, BURNS, TEARING, LOSS OF VISION, PAIN

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. CALL PHYSICIAN.

SKIN:IMMEDIATELY WASH WITH SOAP & PLENTY OF WATER. ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK PLENTY OF WATER. SEEK IMMEDIATE MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS/CONVULSING PERSON.

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

Flash Point Method:SCC

Flash Point:180F,82C

Extinguishing Media:USE DRY CHEMICAL, CARBON DIOXIDE, FOAM, WATER SPRAY/FOG. USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. IF LARGE AMOUNT IS INVOLVED, FIGHT FIRE FROM SAFE DISTANCE USING WATER/FOAM.

Unusual Fire/Explosion Hazard:HIGHLY REACTIVE AND THERMALLY UNSTABLE. DECOMPOSITION PRODUCTS ARE FLAMMABLE AND CAN IGNITE WITH EXPLOSIVE FORCE IF CONFINED. PRODUCES FLAMMABLE VAPORS.

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

Spill Release Procedures:WEAR PROTECTIVE E

QUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. CONTAIN SPILL. SOAK UP SPILL WITH NON-FLAMMABLE ABSORBANT. SWEEP UP ABSORBED MATERIAL AND PLACE IN A CHEMICAL WASTE CONTAINER FOR DISPOSAL. PREVENT FROM ENTERING SEWERS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE AT OR BELOW 86F/30C TO MAINTAIN ACTIVE OXYGEN CONTENT. KEEP AWAY FROM IGNITION SOURCES & INCOMPATIBLE MATERIALS.

Other Precautions:DO NOT GET IN EYES, ON SKIN/ON CLOTHING. AVOID INHALATION OF VAPORS/MIST. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY. READ AND FOLLOW ALL LABEL DIRECTIONS AND PRECAUTIONS. EMPTIED CONTAINER MAY RETAIN RESIDUE. FOLLOW ALL LABEL WARNINGS.

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

Respiratory Protection:IF ENGINEERING CONTROLS ARE INADEQUATE TO CONTROL VAPOR CONCENTRATIONS BELOW TLV, A NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR WITH PARTICULATE FILTER OR SUPPLIED-AIR RESPIRATOR SHOULD BE WORN.

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

Protective Gloves:NEOPRENE, NATURAL RUBBER

Eye Protection:SAFETY GLASSES - CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH AFTER HANDLING AND BEFORE EATING OR DRINKING.

Supplemental Safety and Health

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

HCC:P1

NRC/State Lic Num:NOT RELEVANT

Decomp Temp:Decomp Text:140F,60C

Spec Gravity:1.0

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

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG BASES, ACCELERATORS AND REDUCING

AGENTS, AMINES, METAL COMPOUNDS (SOAP...)

Stability Condition to Avoid:TEMPERATURES ABOVE 131F/55C, OPEN FLAMES,
DIRECT SUNLIGHT, PROLONGED STORAGE ABOVE 90F

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
VARIOUS HYDROCARBONS (ETHANE AND METHANE)

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

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH
APPLICABLE FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.
REUSING, RECYCLING
OR INCINERATION IS RECOMMENDED. EPA HAZARDOUS
WASTE NUMBERS: U160, D003, D0 02

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