

CRAWFORD LABORATORIES, INC. -- U0-130, MIL-C-22750E, CLEAR, COMP B -- 8010-01-313-8703

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Product Identification
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Product ID:U0-130, MIL-C-22750E, CLEAR, COMP B

MSDS Date:07/21/1992

FSC:8010

NIIN:01-313-8703

Kit Part:Y

MSDS Number: BVBPF

=== Responsible Party ===

Company Name:CRAWFORD LABORATORIES, INC.

Address:4165 SOUTH EMERALD AVENUE

City:CHICAGO

State:IL

ZIP:60609

Country:US

Info Phon

e Num:312-376-7132

Emergency Phone Num:800-424-9300 CHEMTREC

Preparer's Name:DAVID SCHMETTERER

CAGE:DO165

=== Contractor Identification ===

Company Name:CRAWFORD LABORATIES, INC

Address:4165 SOUTH EMERALD AVENUE

City:CHICAGO

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Company Name:CRAWFORD LABORATORIES, INC

Address:4165 SOUTH EMERALD AVENUE

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Phone:312-376-7132

CAGE:5V430

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Composition/Information on Ingredients
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Ingred Name:METHYL ETHYL KETONE (SARA III) (VAPOR PRESSURE 71.2 MM HG)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 40%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:200 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:NONYLPHENOL (VAPOR PRESSURE 0.9 MM HG)
CAS:25154-52-3
RTECS #:SM5600000
Fraction by Wt: 35%
Other REC Limits:NONE RECOMMENDED

Ingred Name:PHENOL (SARA III) (NONYLPHENOL CONTAINS A TRACE OF PHENOL)
CAS:108-95-2
RTECS #:SJ3327000
Fraction by Wt: TRAC
E
Other REC Limits:TLV: 5 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:META XYLENE DIAMINE
CAS:1477-55-0
RTECS #:PF8970000
Fraction by Wt: 20%
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:0.1 MG/M3

Ingred Name:AMINE ADDUCT
CAS:68738-77-2
Fraction by Wt: 5%
Other REC Limits:NONE RECOMMENDED

Ingred Name:VOC: 361 GPL
RTECS #:9999999VO
Other REC Limits:NONE RECOMMENDED

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

Health Hazards Acute and Chronic:ACUTE TOXICIT

Y, RESULTING IN HEADACHE,
DIZZINESS, NAUSEA, AND LOSS OF CONSCIOUSNESS. SEVERE EYE IRRITATION
POSSIBLY RESULTING IN PERMANENT DAMAGE. IRRITATED MUCOUS MEMBRANES.
VOMITING DUE TO INGESTION . DEFATTING AND DRYING OF SKIN.
SENSITIZATION AFTER REPEATED CONTACT.

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

First Aid:EYE:FLUSH W/LOW PRESSR WATER 15 MIN,LIFT EYELID.GET MED
AID.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN IF BREATH DIFFICLT.GIVE
ARTIF RESP IF N
O BREATH.GET MED AID.KEEP WARM &COMFORTBL.NEVER GIVE
UNCONSCIOUS LIQ.INGEST:CALL DR IMMED.ONLY INDUCE VOMIT ON DR'S
INSTRUCT.IF OCCURS,KEEP HEAD BELOW HIPS.NOTHING BY MOUTH TO
UNCONSCIOUS PERSON.SKIN:FLUSH W/WATER(REMOVE CONTAM CLOTH),THEN
SOAP &WATER.GET MED AID

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

Flash Point Method:SCC
Flash Point:22.0F,-5.6C
Lower Limits:2
Extinguishing Media:FOAM, CO2, OR DRY CHEMICAL
Fire Fighting Procedures:WATER MAY BE U
SED TO KEEP EXPOSED CONTAINERS
COOL, & KEEP FLAMMABLE STRUCTURES WET. DON'T ENTER FIRE AREA W/OUT
PROTECTION BECAUSE HAZARD DECOMP MAY BE PRESENT.
Unusual Fire/Explosion Hazard:WATER PRESSURE MAY SPREAD FLAMMABLE
LIQUID FIRE. SEALED CONTAINERS MAY EXPLODE IF OVERHEATED.

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

Spill Release Procedures:WARNING--FLAMMABLE. ELIMINATE ALL IGNITION
SOURCES. HANDLING EQUIPMENT MUST BE GROUNDED TO PREVENT SPARKING.
SOAK
UP WITH AN ABSORBENT AND PLACE IN NON-LEAKING CONTAINERS. SEAL
TIGHTLY FOR PROPER DISP OSAL.

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

Handling and Storage Precautions:FLAMMABLE.KNOW DOT REGS BEFORE
TRANSPORT.HOT ORGANIC CHEM VAPORS SUSCEPTIBLE TO SUDDEN SPONTANEOUS
COMBUSTION WHEN MIXED W/AIR.IGNITION MAY OCCUR AT**
Other Precautions:**TEMP BELOW AUTOIGNIT TEMP.IGNIT TEMP DECREASE
W/INCREASING VAPOR VOLUME & VAPOR/AIR CONTACT TIME & PRESSR
CHANGE.

HOT VAPOR MAY IGNITE W/AIR BELOW AUTOIGNITN.IGNITN MAY OCCUR
AT HIGH TEMP W/SUDDEN IN GRESS OR ESCAPE OF VAPORS TO ATMOSPHERE.

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

Respiratory Protection:IMPORTANT-MUST PROVIDE ADEQUATE VENTILATION TO
MAINTAIN VAPOR CONCENTRATIONS BELOW THE ESTABLISHED TLV LIMIT AS
GIVEN BY OSHA. IN MORE CONFINED AREAS A NIOSH-MSHA APPROVED
RESPIRATOR EQUIPPED WITH ORG ANIC VAPOR CARTRIDGE SHOULD BE WORN.

Ventilation:MUST PROVIDE A
DEQUATE VENTILATION, SEE RESPIRATORY
PROTECTION.

Protective Gloves:USE RUBBER GLOVES

Eye Protection:WEAR APPROVED SAFETY GOGGLES/FACE SHIELD

Other Protective Equipment:HAVE EYE BATH AND SAFETY SHOWER AVAILABLE.

Work Hygienic Practices:WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:174 TO 567F

Vapor Density:> AIR

Spec Gravity:0.91

Viscosity:>200 CS

Evaporation Rate & Refere
nce:4.67 X N-BUTYL ACETATE

Solubility in Water:SLIGHT

Appearance and Odor:CLEAR LIQUID / SOLVENT ODOR

Percent Volatiles by Volume:45.0

Corrosion Rate:NOT CORR

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

Stability Indicator/Materials to Avoid:YES

MAY BE INCOMPATIBLE WITH OXIDIZING AGENTS AND STRONG ALKALIES.

Stability Condition to Avoid:AVOID HEAT, SPARKS, OPEN FLAMES, AND
INCOMPATIBILITIES.

Hazardous Decomposition Products:INCOMPLETE COMBUSTION FOR PRODUCTS
LIKE

THIS MAY GENERATE HIGHLY POISONOUS CARBON MONOXIDE AND OTHER
TOXIC GASES.

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

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE WITH CURRENT
LOCAL, STATE, AND FEDERAL REGULATIONS. CONTACT AN APPROVED DISPOSAL
FACILITY. EPA HAZARDOUS WASTE: D001. HAZARDOUS WASTE
CHARACTERISTIC: IGNITABLE. DISPOSAL METHODS: FUEL CONSUMPTION.

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