

CRAWFORD LABORATORIES, INC -- MIL-C-22750F ACTIVATOR -- 8010-01-441-5911
===== Product Identification =====

Product ID:MIL-C-22750F ACTIVATOR
MSDS Date:03/07/1996
FSC:8010
NIIN:01-441-5911
Status Code:A
MSDS Number: CKTXN
=== Responsible Party ===
Company Name:CRAWFORD LABORATORIES, INC
Address:4165 SOUTH EMERALD AVENUE
City:CHICAGO
State:IL
ZIP:60609
Country:US
Info Phone Num:312-376-7132
Emer
gency Phone Num:(800)424-9300
Preparer's Name:DAVID SCHMETTERER
Chemtrec Ind/Phone:(800)424-9300
CAGE:5V430

=== Contractor Identification ===
Company Name:CRAWFORD LABORATORIES, INC
Address:4165 SOUTH EMERALD AVENUE
Box:City:CHICAGO
State:IL
ZIP:60609
Country:US
Phone:312-376-7132
CAGE:5V430

===== Composition/Information on Ingredients =====

Ingred Name:METHYL ETHYL KETONE
CAS:78-93-3
RTECS #:EL6475000
= Wt:48.
OSHA PEL:100 PPM
ACGIH TLV:200 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Q

ty:5000 LBS

Ingred Name:NH₂CH₂CH(CH₃)(CH₂)₃NH₂

CAS:15520-10-2

= Wt:14.

Ingred Name:PHENYLCARBINOL

CAS:100-51-6

RTECS #:DN3150000

= Wt:13.

Ingred Name:BENZALDEHYDE

CAS:100-52-7

RTECS #:CU4375000

= Wt:.3

Ingred Name:DIBENZYL ETHER

CAS:103-50-4

RTECS #:DQ6125000

= Wt:.1

Ingred Name:EPOXY RESIN

CAS:25085-99-8

= Wt:5.7

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

Health Hazards Acute and Chronic:OVEREXPOSURE MAY PRODUCE VARIOUS EFFECTS INCLUDING: ACUTE TOXICITY, RESULTING IN HEADACHE, DIZZINESS, NAUSEA AND LOSS OF CONSCIOUSNESS. SEVERE EYE IRRITATION POSSIBLY RESULTING IN PERMENT DAMAGE. IRRITATED MUCUS MEMBRANES. VOMITING DUE TO INGESTION.. DEFATTING AND DRYING OF THE SKIN. SENSITIZATION AFTER REPEATED CONTACT.

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

First Aid:EYE CONTACT: FLUSH WITH WATER FOR 15 MIN. OCCASSIONALLY LIFTING EYELIDS OPEN. INHALATION: REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHE

HING IS DIFFICULT. GIVE ARTIFICIAL
RESPIRATION IF NOT BREATHING. KEEP VICTIM WARM AND COMFORTABLE.
INGESTION: IF SWALLOWED, ONLY INDUCE VOMITING UPON A PHYSICIAN'S
INSTRUCTIONS. IF VOMITING OCCURS SPONTANEOUSLY KEEP HEAD BELOW HIPS
TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. NEVER GIVE
ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SKIN: FLUSH WITH WATER
WHILE REMOVING CONTAMINATED CLOTHING. DO NOT REUSE CONTAMINATED
CLOTHING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Flash Point Method: SCC

Flash Point: -5.4C, 22.F

22F

Lower Limits: 1.8

Extinguishing Media: FOAM, CO2 OR DRY CHEMICAL

Fire Fighting Procedures: WATER MAY BE USED TO KEEP EXPOSED CONTAINERS
COOL, AND TO KEEP FLAMMABLE STRUCTURES WET. DO NOT ENTER FIRE AREA
WITHOUT PROPER PROTECTION BECAUSE HAZARDOUS DECOMPOSITION PRODUCTS
MAY BE PRESENT.

Unusual Fire/Explosion Hazard: WATER PRESSURE MAY SPREAD A FLAMMABLE
LIQUID FIRE.

SEALED CONTAINERS MAY EXPLODE IF OVERHEATED.

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

Spill Release Procedures: 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 DISPOSAL.

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

Handling and Storage Precautions: TREAT AS HAZARDOUS FLAMMABLE MATERIAL.
HOT

ORGANIC VAPORS OR MISTS ARE SUSCEPTIBLE TO SUDDEN SPONTANEOUS
COMBUSTION WHEN MIXED WITH AIR. IGNITION MAY OCCUR AT TEMPERATURES
BELOW THOSE PUBLISHED IN THIS LITERATURE. SEE HARD COPY MSDS FOR
FURTHER INFORMATION.

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

Respiratory Protection: IN MORE CONFINED AREAS A NIOSH/MSHA APPROVED
RESPIRATOR EQUIPPED WITH ORGANIC VAPOR CARTRIDGE SHOULD BE WORN.

Protective Gloves: RUBBER GLOVES

Eye Protection: SAFETY GOGGLES OR

FACE SHIELD.

Other Protective Equipment:HAVE EYE BATH AND SAFTEY SHOWER AVAILIABLE.

Supplemental Safety and Health

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

Boiling Pt:=79.4C, 175.F

B.P. Text:175-401 DEG. F

Vapor Density:+ AIR

Evaporation Rate & Reference:3.77 N-BUTYL ACETATE

Appearance and Odor:CLEAR SOLVENT ODOR

Percent Volatiles by Volume:80.9

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

Stability Indicator/Materials to Avoid:YES

MAY

BE INCOMPATIBLE WITH OXIDIZING AGENTS AND ALKALINES.

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

Hazardous Decomposition Products:HIGHLY POISONIOUS CARBON MONOXIDE AND
AND OTHER TOXIC GASSES.

===== Toxicological Information =====

Toxicological Information:SKIN CONTACT: FLUSH WATER WHILE REMOVING
CONTAMINATED CLOTHNG. WASH WITH SOAP AND WATER. DO NOT REUSE
CONTAMINATED CLOTHING. IF IRRITATION PERSISTS, GET MEDICAL
ATTENTION.

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===== Ecological Information =====

Ecological:EPA HAZARDOUS WASTE CODE: D001 CHARACTERISTICS:IGNITABLE
*HOT ORGANIC CHEMICAL VAPORS/MISTS SUSCEPTIBLE-SUDDEN SPONTANEOUS
COMBUSTION WH-MIXED W/AIR.IGNITION MAY OCCUR@TEMPERATURES BELOW
PUBLISHED IN LITERATURE
AS"AUTOIGNITION"/"IGNITION"TEMPERATURES.IGNITION TEMPERATURES
DECREASE W/INCREASING VAPOR VOLUME&VAPOR/AIR CONTACT
TIME&INFLUENCED BY PRESSURE CHANGES.IGNITION MAY OCCUR@TYPICAL
EL

ELEVATED TEMPERATURE PROCESS CONDITIONS, ESPECIALLY IN PROCESS OPERATING UNDER VACUUM IF SUBJECTED-SUDDEN INGRESS OF AIR/OUTSIDE PROCESS. EQUIPMENT OPERATING UNDER ELEVATED PRESSURE IF SUDDEN ESCAPE OF VAPORS/MIST S-ATMOSPHERE OCCURS.

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

Waste Disposal Methods: DISPOSAL MUST BE IN ACCORDANCE WITH CURRENT LOCAL, STATE AND FEDERAL REGULATIONS. CONTACT AN APPROVED DISPOSAL FACILITY.

===== MSDS Transport Information =====

Transport Information: KNOW APPLICABLE D.O.T. REGULATIONS BEFORE ATTEMPTING TO TRANSPORT THIS MATERIAL .

===== Regulatory Information =====

SARA Title III Information: METHYL ETHYL KETONE
State Regulatory Information:

===== Other Information =====

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