

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

Emergen

cy 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 Qty:

5000 LBS

Ingred Name:NH<sub>2</sub>CH<sub>2</sub>CH(CH<sub>3</sub>)(CH<sub>2</sub>)<sub>3</sub>NH<sub>2</sub>

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

===== 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 POSSIABLY RESULTING IN PERMENT DAMAGE. IRR ITATED MUCUS MEMBRANES. VOMITING DUE TO INGESTION.. DEFATTING AND DRYING OF THE SKIN. SENTIZATION AFTER REPEATED CONTACT.

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

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

G 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. SE  
ALED 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 OR  
GASEOUS 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

CE 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  
ELEVA

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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