

MIL-C-22750D, 11136 RED, M6-025

MSDS Number

BLBCS

National Stock Number

8010-01-053-2649

Product Name

MIL-C-22750D, 11136 RED, M6-025

Manufacturer

CRAWFORD LABORATORIES INC

Product Identification

Product ID:MIL-C-22750D, 11136 RED, M6-025

MSDS Date:01/08/1991

FSC:8010

NIIN:01-053-2649

Kit Part:Y

MSDS Number: BLBCS

Responsible Party

CRAWFORD LABORATORIES, INC.

4165 SOUTH EMERALD AVENUE

CHICAGO , IL 60609

US

Emergency Phone: 312-433-1307/ 800-424-9300 CHEMTREC

Info Phone: 312-376-7132

Cage: DO165

Contractor

CRAWFORD LABORATORIES, INC

CHICAGO, IL 60609

US

312-376-7132

Cage: 5V430

Ingredients

METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 5-20%

OSHA PEL200 PPM/300 STEL

ACGIH TLV: 200 PPM/300STEL 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

N-BUTYL ACETATE (SARA III)

CAS: 123-86-4

RTECS: AF7350000

Fraction By Weight: 5-20%

OSHA PEL150 PPM/200 STEL

ACGIH TLV: 150 PPM/200STEL;9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

PROPYLENE GLYCOL MONOMETHYL ETHER

CAS: 107-98-2

RTECS: UB7700000

Fraction By Weight: 1-5%

OSHA PEL100 PPM/150 STEL

ACGIH TLV: 100 PPM/150STEL;9192

DIISOBUTYL KETONE

CAS: 108-83-8

RTECS: MJ5775000

Fraction By Weight: < 1%

OSHA PEL50 PPM

ACGIH TLV: 25 PPM; 9293

SILICA, CRYSTALLINE - CRISTOBALITE

CAS: 14464-46-1

RTECS: VV7325000

Fraction By Weight: < 1%

OSHA PELSEE TABLE Z3

ACGIH TLV: 0.05 MG/M3 RDUST9293

RED PIGMENT 48

CAS: 5280-66-0

Fraction By Weight: 5-20%

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 5-20%

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

CADMIUM (SARA III)

CAS: 7440-43-9

RTECS: EU9800000

Fraction By Weight: 1-5%

OSHA PELSEE 1910.1027

ACGIH TLV: 0.01 MG/M3 DUST;9394

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

BARIUM SULFATE

CAS: 7727-43-7

RTECS: CR0600000

Fraction By Weight: 1-5%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

MANGANESE (SARA III)

CAS: 7439-96-5

RTECS: OO9275000

OSHA PEL(C) 5 MG/M3 DUST

ACGIH TLV: 5 MG/M3 DUST 9293

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:OVEREXPOSURE MAY PRODUCE VARIOUS EFFECTS, INCLUDING: ACUTE TOXICITY, (HEADACHE, DIZZINESS, NAUSEA AND LOSS OF CONSCIOUSNESS). SEVERE EYE IRRITATION W/POSSIBLE PERMANENT DAMAGE, IRRITATED MUCOUS MEMBRANES, VOMITING DUE TO INGESTION, DEFATTING AND DRYING OF THE SKIN, AND SENSITIZATION AFTER REPEATED CONTACT.

Explanation of Carcinogenicity:THE IARC HAS DETERMINED THAT THERE IS LIMITED EVIDENCE OF THE CARCINOGENICITY OF CRYSTALLINE SILICA TO HUMANS.

First Aid

First Aid:EYE: FLUSH W/WATER FOR 15 MIN. GET MED AID. INHALE: GO TO FRESH AIR & PROVIDE OXYGEN/CPR AS NEEDED. GET MED AID. KEEP VICTIM WARM, ETC. NEVER GIVE UNCONSCIOUS PERSON LIQUIDS. INGEST: CALL DR, INDUCE VOMIT ONLY AT DR'S ORDERS. IF VICTIM VOMITS: KEEP HEAD BELOW HIPS TO STOP ASPIRATION TO LUNGS. GET MED AID. SKIN: FLUSH W/WATER,REMOVE CONTAM CLOTHES, WASH W/SOAP & WATER. FOR PERSIST IRRIT, MED AID.

Fire Fighting

Flash Point Method:SCC

Flash Point:65.0F,18.3C

Lower Limits:0.8

Extinguishing Media:FOAM, CO2 OR DRY CHEMICAL

Fire Fighting Procedures:WATER USED TO KEEP EXPOSED CNTNRS COOL & TO KEEP FLAMM STRUCTURES WET. DO NOT ENTER FIRE AREA W/OUT PROPER PROTECTION, HAZARDOUS DECOMP PRODUCTS MAY BE PRESENT.

Unusual Fire/Explosion Hazard:WATER PRESSURE MAY SPREAD A FLAMMABLE LIQUID FIRE. SEALED CONTAINERS MAY EXPLODE IF OVERHEATED.

Accidental Release

Spill Release Procedures:WARNING-FLAMMABLE. ELIMINATE ALL IGNITION SOURCES. HANDLING EQUIPMENT MUST BE GROUNDED TO PREVENT SPARKING.

SOAK UP WITH AN ABSORBENT & PLACE IN NON-LEAKING CONTAINERS. SEAL TIGHTLY FOR PROPER DISPOSAL.

Handling

Handling and Storage Precautions:TREAT AS A HAZARDOUS, FLAMMABLE MATERIAL. KNOW APPLICABLE DOT REGULATIONS BEFORE ATTEMPTING TO TRANSPORT THIS MATERIAL.

Other Precautions:CARE MUST BE TAKEN NOT EXCEED EXPOSURE LIMIT FOR THE LOWEST TLV. WHEN IN DOUBT, WEAR AN APPROVED RESPIRATOR & ORDER AIR SAMPLING TESTS. BY ANALOGY TO OTHER SIMILAR MATERIALS, THIS PRODUCT HAS THE POTENTIAL FOR SIGNIFICANT SKIN ABSORPTION.

Exposure Controls

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

Ventilation:PROVIDE ADEQUATE VENTILATION TO MAINTAIN VAPOR CONCENTRATIONS BELOW THE ESTABLISHED TLV LIMIT AS GIVEN BY OSHA.

Protective Gloves:USE RUBBER GLOVES.

Eye Protection:WEAR APPROVED SAFETY GOGGLES/FACESHIELD.

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

Supplemental Safety and Health

KEY1;F5.WARNING: HOT ORGANIC CHEMICAL VAPORS OR MISTS ARE SUSCEPTIBLE TO SUDDEN SPONTANEOUS COMBUSTION WHEN MIXED WITH AIR. IGNITION MAY OCCUR AT TEMPERATURES BELOW THOSE PUBLISHED. IGNITION TEMPERATURES DECREASE WITH INCREASING VAPOR VOLUME AND VAPOR/AIR CONTACT TIME AND ARE INFLUENCED BY PRESSURE CHANGES.

Chemical Properties

HCC:F5

Boiling Pt:B.P. Text:124 TO 343F

Vapor Density:> AIR

Spec Gravity:9.87 LBS/GL

Evaporation Rate & Reference:2.72 (BU AC=1)

Appearance and Odor:RED LIQUID

Percent Volatiles by Volume:47.7

Stability

Stability Indicator/Materials to Avoid:YES

MAY BE INCOMPATIBLE WITH OXIDIZING AGENTS AND STRONG ALKALIES.

Stability Condition to Avoid:AVOID HEAT, SPARKS, OPEN FLAMES

Hazardous Decomposition Products:INCOMPLETE COMBUSTION FOR PRODUCTS LIKE THIS MAY GENERATE HIGHLY POISONOUS CARBON MONOXIDE AND OTHER TOXIC GASES.

Disposal

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

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.