

**MICRO CARE - BIOACT MCC-EC7MP**

**MATERIAL SAFETY DATA SHEET**

NSN: 685000N063440

Manufacturer's CAGE: 0ATV9

Pf No. Indicator: A

Pa. Number/Trade Name: BIOACT MCC-EC7MP

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 General Information  
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Company's Name: MICRO CARE CORP  
 Company's Street: 31 RONZO ROAD  
 Company's City: BRISTOL  
 Company's State: CT  
 Company's Country: US  
 Company's Zip Code: 06010  
 Company's Emerg Ph #: 203-585-7912  
 Company's Info Ph #: 203-585-7912  
 Record No. For Safety Entry: 001  
 Tot Safety Entries This Stk#: 001  
 Status: SMJ  
 Date MSDS Prepared: 09AUG93  
 Safety Data Review Date: 13SEP95  
 MSDS Serial Number: BYWYK

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 Ingredients/Identity Information  
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Proprietary: NO  
 Ingredient: CYCLOHEXENE, 1-METHYL-4-(1-METHYLETHENYL)-, (R)-; (TERPENE HYDROCARBON)  
 Ingredient Sequence Number: 01  
 Percent: 100  
 NIOSH (RTECS) Number: GW6360000  
 CAS Number: 5989-27-5  
 OSHA PEL: N/K (FP N)  
 ACGIH TLV: N/K (FP N)

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 Proprietary: NO  
 Ingredient: SUPDAT:THRESHOLD LIM VALUES & BIOLOGICAL EXPOS INDICES COMPILED BY AMERICAN CONFERENCE OF GOVT INDUS HYGIENISTS (ACGIH).  
 Ingredient Sequence Number: 02  
 NIOSH (RTECS) Number: 9999999ZZ  
 OSHA PEL: NOT APPLICABLE  
 ACGIH TLV: NOT APPLICABLE

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 Proprietary: NO  
 Ingredient: SPILL PROC:SHOVEL, PLACE ABSORB MATL IN DRUMS & CLOSE. IF CLEAN-UP DELAYED, DILUTE W/H\*20 FIRST TO REDUCE HAZ & ABSORB.  
 Ingredient Sequence Number: 03  
 NIOSH (RTECS) Number: 9999999ZZ  
 OSHA PEL: NOT APPLICABLE  
 ACGIH TLV: NOT APPLICABLE

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 Physical/Chemical Characteristics  
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Appearance And Odor: CLEAR FREE FLOWING LIQUID, CITRUS ODOR.  
 Boiling Point: >340F,>171C  
 Vapor Pressure (MM Hg/70 F): 1.6  
 Vapor Density (Air=1): 4.6  
 Specific Gravity: 0.85 (H\*20 = 1)  
 Evaporation Rate And Ref: <1.0 (ETHER = 1)  
 Solubility In Water: INSOLUBLE  
 Percent Volatiles By Volume: 100

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 Fire and Explosion Hazard Data  
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Flash Point: 120F,49C  
 Fl Point Method: TCC  
 Lower Explosive Limit: 0.7%  
 Upper Explosive Limit: 6.0%  
 Extinguishing Media: WATER, FOAM, DRY CHEMICAL, CARBON DIOXIDE.  
 Special Fire Fighting Proc: USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N). KEEP CONTAINERS COOL WITH WATER SPRAY.

Unusual Fire And Expl Hazrds: EXPOS OF ATOMIZED SPRAY TO OPEN FLAME  
 PROMOTES COMBUST. KEEP LIQ AWAY FROM OPEN FLAME. FORMS TOX DECOMP PRODS.  
 RAGS SOAKED W/EC-7M CAN POSS BE IGNITED (SUPDAT)

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 Reactivity Data  
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Stability: YES

Cond To Avoid (Stability): AVOID HIGH HEAT.

Materials To Avoid: STRONG ALKALIDES, STRONG OXIDIZERS AND OTHER REACTIVE METALS.

Hazardous Decomp Products: CARBON MONOXIDE, CARBON DIOXIDE.

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): NOT RELEVANT.  
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Health Hazard Data  
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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: YES

Route Of Entry - Ingestion: YES

Health Haz Acute And Chronic: INHAL:ALTHOUGH NOT REPORTED, VAPORS MIGHT CAUSE LIPOID PHEUMONITIS IF LARGE AMOUNTS ARE ASPIRATED INTO THE LUNGS.

INGEST: LOW ORAL TOXICITY, ALTHOUGH NOT REPORTED, IRRITATION OF THE NASAL PROLONGED/REPEATED SKIN CONTACT CAN CAUSE (EFTS OF OVEREXP)

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: NOT RELEVANT.

PERS WEARING CONT LENSES SHOULD WEAR CHEM PROT SFTY GLASSES WHEN USING THIS PROD. LIQ CAN CAUSE SLIGHT TEMPORARY IRRIT W/SLIGHT TRANSIENT CORNEA

INJURY. VAPS CAN IRRITATE EYES. THRESHOLD LIM VALUE:INGREDS OF BIOACT EC-7M ARE LISTED EITHER ON GRAS/AN APPRVD SUBSTANCE (SUPDAT)

Med Cond Aggravated By Exp: BASED ON AVAILABLE DATA, REPEATED EXPOSURES ARE NOT ANTICIPATED TO CAUSE ANY SIGNIFICANT ADVERSE EFFECTS.

Emergency/First Aid Proc: INHAL:REMOVE TO FRESH AIR. DO NOT GIVE

EPJNEPHRINE. GIVE ARTIFICIAL RESPIRATION IF NECESSARY, CALL PHYSICIAN. EYES

AI SKIN:PERSONS WITH CONTACT LENSES SHOULD WEAR CHEMICAL PROTECTIVE SAFETY

GLASSES WHEN USING THIS PRODUCT. FLUSH WITH WATER FOR AT LEAST 15 MINUTES;

IF IRRITATION PERSISTS CALL PHYSICIAN. INGESTION:DO NOT INDUCE VOMITING.

CONTACT PHYSICIAN IMMEDIATELY.  
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Precautions for Safe Handling and Use  
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Steps If Matl Released/Spill: IN EVENT OF SUCH OCCURENCE, EVACUATE AREA, ABSORB SPILLED LIQ W/COMMERICAL NON-FLAM ABSORB, I. E. SAND, VERMICULITE. REMOVE UNPROTECTED PERS. PROTECTED PERS SHOULD REMOVE IGNIT SOURCES & SHUT OFF FIRE SOURCES. PROVIDE VENT, USING SPARK-PROOF(ING 3)

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: COMPLY WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

CONSULT APPROPRIATE REGULATORY AGENCY PRIOR TO DISPOSAL OR DISCHARGE OF WASTE MATERIAL.

Precautions-Handling/Storing: VAPORS ARE HEAVY AND MAY CONCENTRATE IN LOW POORLY VENTILATED AREA. STORE CONTAINERS IN COOL DRY PLACE. AVOID BREATHING VAPORS.

Other Precautions: AVOID LIGHTED CIGARETTES, FLAME, WELDING OR HOT SPOTS WHICH COULD PROMOTE COMBUSTION AND MAY GENERATE TOXIC DECOMPOSITION PRODUCTS.  
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Control Measures  
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Respiratory Protection: NONE REQUIRED IN VENTILATED WORK AREAS. NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).

ADEQUAATE FOR STORAGE.

Protective Gloves: FOR LONG REPEATED CONTACT, NEOPRENE.

Eye Protection: ANSI APPROVED CHEM WORKERS GOGGS (FP N).

Other Protective Equipment: ANSI APPRVD EMER EYE WASH & DELUGE SHOWER (FP N). PROTECTIVE CLOTHING FOR REPEATED CONTACT. PVA OR NEOPRENE PREFERRED.

Wc Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Suppl. Safety & Health Data: EXPLO HAZ:THRU SPONT COMBUSTION. STORE/ DISPOSE RAGS ONLY IN APPRVD FIRE SUPPRESSING CNTNRS. EFTS OF OVEREXP:FOR USE EITHER AS INDIRECT FOOD ADDITIVE/FOR USE IN MFR OF METAL FOOD CNTNRS AS DESCRIBED IN CODE OF FED REGS, TITLE 21; PART 178; SECTION 3400/SECTION 391. NONE OF THE INGS OF BIOACT BC-7M ARE LISTED IN(ING 2)

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Transportation Data  
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Disposal Data  
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Label Data  
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Label Required: YES  
Technical Review Date: 13SEP95  
Label Date: 12SEP95  
Label Status: G  
Common Name: BIOACT MCC-EC7MP  
Chronic Hazard: NO  
Signal Word: WARNING!  
Acute Health Hazard-Slight: X  
Contact Hazard-Moderate: X  
Fire Hazard-Moderate: X

Reactivity Hazard-None: X  
Special Hazard Precautions: ACUTE: INHAL:ALTHOUGH NOT REPORTED, VAPORS MIGHT CAUSE LIPOID PHEUMONITIS IF LARGE AMOUNTS ARE ASPIRATED INTO THE LUNGS. INGEST: LOW ORAL TOXICITY, ALTHOUGH NOT REPORTED, IRRITATION OF THE NASAL AND PHARYNGEAL MUCOUS MIGHT FOLLOW DIRECT EXPOSURE. SKIN:PROLONGED/LIQUID CAN CAUSE SLIGHT TEMPORARY IRRITATION WITH SLIGHT TRANSIENT CORNEA INJURY. VAPORS CAN IRRITATE EYES. CHRONIC: NONE SPECIFIED BY MANUFACTURER.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Label Name: MICRO CARE CORP

Label Street: 31 RONZO ROAD

Label City: BRISTOL

Label State: CT

Label Zip Code: 06010

Label Country: US

L l Emergency Number: 203-585-7912