

EUTECTIC CORP -- EUTECROD 185 FC -- 3439-00-901-8059

===== Product Identification =====

Product ID:EUTECROD 185 FC  
MSDS Date:03/15/1993  
FSC:3439  
NIIN:00-901-8059  
MSDS Number: BWNLB  
=== Responsible Party ===  
Company Name:EUTECTIC CORP  
Address:40-40 172ND STREET  
City:FLUSHING  
State:NY  
ZIP:11358-9981  
Country:US  
Info Phone Num:718-358-4000 FAX: 718-445-1784  
Emergency Phone Num:718-358-4000  
CAGE:7227

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=== Contractor Identification ===  
Company Name:EUTECTIC CORP  
Address:9625-J SOUTHERN PINE BLVD  
Box:City:CHARLOTTE  
State:NC  
ZIP:28273  
Country:US  
Phone:704-527-9800/ 800-221-1433  
CAGE:72271

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

Ingred Name:COPPER (SARA III)  
CAS:7440-50-8  
RTECS #:GL5325000  
Fraction by Wt: 40-50%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.1MG/M3 FUME/1 DUST  
ACGIH TLV:0.2 MG/M3 FUME; 9394  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ZIN

C (SARA III)  
CAS:7440-66-6  
RTECS #:ZG8600000  
Fraction by Wt: 30-40%  
Other REC Limits:NONE RECOMMENDED  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:NICKEL (SARA III)  
CAS:7440-02-0  
RTECS #:QR5950000  
Fraction by Wt: 10-20%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3; 9394

Ingred Name:BORIC ACID  
CAS:10043-35-3  
RTECS #:ED4550000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10 MG BORATES/M3  
ACGIH TLV:5 MG BORATES/M3

Ingred Name:BORAX (SODIUM TETRABORATE, DECAHYDRATE)  
CAS:1303-96-4  
RTECS #:VZ2275000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10 MG/M3  
ACGIH TLV:5 MG/M3; 9394

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===== Hazards Identification =====  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:POT HEALTH EFFECTS WHEN PROD USED IN ASSOC W/WELD/BRAZE/BURN/THERMA SPRAY/ETC.FUMES:DANGEROUS TO HEALTH,OVERXPO CAUSE LUNG DAMAGE &/OR OTHER ORGAN DAMAGE.ARC R  
AYS/ULTRAVIOLET LIGHT INJURE EYES,BURN SK IN.ELECTRICAL SHOCK CAN KILL.MAY BE HARMFUL OR FATAL IF SWALLOWED.  
Explanation of Carcinogenicity:PER MSDS:CONTAINS NICKEL WHICH IS LISTED AS CARCINOGEN OR POSSIBLE CARCINOGEN IN NTP/IARC/OSHA.  
Effects of Overexposure:LUNG DAMAGE &/OR OTHER ORGAN DAMAGE. EYE INJURY, SKIN BURNS.  
Medical Cond Aggravated by Exposure:AGGRAVATION OF PRE-EXISITNG RESP OR ALLERGIC CONDITIONS.

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===== First Aid Measures =====  
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First Aid:INHAL:MOVE TO FRESH AIR. CONTACT PHYSICIAN & ADVISE ON INGREDIENTS LISTED.SKIN:THOROUGHLY WASH W/SOAP & WATER TO REMOVE ALL RESIDUE.IRRIT/BURN DEVELOPS CONSULT PHYSICIAN.EYE:THOROUGHLY FLUSH W/WATER FOR @ LEAST 15MINS.OBTAIN MED ADVICE FOR FLUXES & CHEMICAL AIDS.ADVISE PHYSICIAN OF INGREDIENTS LISTED.INGEST:CALL PHYSICIAN &/OR LOCAL POISON CONTROL CENTER.ADVISE OF INGREDIENTS LISTED.

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Fire Fighting Measures  
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Flash Point:NON-FLAMMABLE

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Extinguishing Media:SEE ANSI Z49.1 FOR FIRE PREVENTION DURING USE OF WELDING & ALLIED PROCESSES. CO2, DRY CHEMICAL FOAM TYPE.

Fire Fighting Procedures:TOXIC FUMES MAY BE PRODUCED.USE APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:ROD/BRAZ/SOLD:GEN NONFLAMM:WELD ARC/SPARK/FLAME CAN IGN COMBUST/FLAMM MATLS.METAL POWDER DUST FIRE/EXPLO HAZ W/FAVORABLE CONDITIONS.FLUX/CHEM AID (SUPPLEMENTAL)

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Accidental Release Measures  
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Spill Release Procedures:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.

Other Precautions:USE ADEQUATE VENTILATION TO KEEP BELOW EXPOSURE LIMITS.KEEP FUMES/GAS FROM BREATHING ZONE.KEEP WELDER'S HEAD OUT OF FUMES.REFER TO CHAPTER ON THERMAL SPRAYING PUBLISHED BY AMERICAN WELDING SOCIETY.

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Exposure Controls/Personal Protection  
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Respiratory Protection:

NONE SPECIFIED BY MANUFACTURER.

Ventilation:USE W/ADEQUATE VENTILATION.

Protective Gloves:WELDING GLOVES.

Eye Protection:APPROPRIATE PROTECTIVE EQUIPMENT FOR ALL OPERATIONS.

Other Protective Equipment:AS CONDITIONS/OPERATIONS WARRANT TO MINIMIZE SKIN/EYE/RESP CONTACT.

Work Hygienic Practices:WASH HANDS AFTER HANDLING.

Supplemental Safety and Health

FIRE/EXPLO HAZ:MAY GIVE OFF HYDROGEN CHLORIDE,PHOSGENE,CHLORINE GASES.CANS UNDER PRESSURE/FLAMMABLE MAY EXPLODE.

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Physical/Chemical Properties  
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HCC:N1

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

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

Stability Indicator/Materials to Avoid:YES  
NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:CERTAIN FLUXES Z& CHEMICAL AIDS MAY BE  
REACTIVE.

Hazardous Decomposition Products:FUMES/GASES/DUSTS.DECOMP PROD OF  
NORMAL OPERATION INCLUDE FROM VOLATILIZATIN,RX,OXID OF INGREDIENTS &  
BASE METAL,COATING,ETC

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

Waste Disposal Methods:NONE SPECIFIED BY MANUFACTURER.

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