

EUTECTIC CORP -- EUTECROD 185 FC -- 3439-00-088-4818

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

Product ID:EUTECROD 185 FC

MSDS Date:03/15/1993

FSC:3439

NIIN:00-088-4818

MSDS Number: BWZPN

=== 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:0.2MG/M3 FUME; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ZINC

(SARA III)  
CAS:7440-66-6  
RTECS #:ZG8600000  
Fraction by Wt: 30-40%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10 MG ZNO/M3  
ACGIH TLV:10 MG ZNO/M3; 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:NICKEL (SARA III)  
CAS:7440-02-0  
RTECS #:QR5950000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3; 9192

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:SODIUM TET  
RABORATE, DECAHYDRATE  
CAS:1303-96-4  
RTECS #:VZ2275000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10 MG/M3  
ACGIH TLV:5 MG/M3; 9192

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS UNKNOWN.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION-THE FUMES WITH THE HEATING,  
WELDING, BRAZING, SOLDERING OR CUTTING METALS CAN BE DANGEROUS TO

YOUR HEALTH AND OVEREXPOSURE CAN CAUSE LUNG DAMAGE AND/OR OTHER ORGAN DAMAGE. EYE/SKIN-ARC RAYS AND ULTRAVIOLET LIGHT CAN INJURE THE EYES AND BURN SKIN. INGESTION-DANGER! MAY BE HARMFUL OR FATAL IF SWALLOWED.

Explanation of Carcinogenicity:NOT CARCINOGENIC.

Effects of Overexposure:LIQUIDS USED IN FLUXES AND CHEMICAL AIDS MAY CAUSE IRRITATION OR POSSIBLE CHEMICAL BURNS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures

First Aid:INHALATION-MOVE VICTIM TO FRESH AIR SOURCE. CONTACT A PHYSICIAN & ADVISE ON INGREDIENTS. SKIN-THOROUGHLY WASH HANDS OR EFFECTED AREA WITH SOAP & WATER TO REMOVE ALL RESIDUE. IF RASH DEVELOPS, CONSULT A PHYSICIAN. EYE-THOROUGHLY FLUSH WITH WATER FOR AT LEAST 15 MIN TO REMOVE ALL RESIDUE. OBTAIN PROMPT MEDICAL ADVISE FOR FLUX & CHEMICAL AIDS. INGESTION-CALL A PHYSICIAN &/OR LOCAL POISON CONTROL.

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Fire Fighting Measures

Flash Point:NONE

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL FOAM TYPE.

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

Unusual Fire/Explosion Hazard:SOME FLUXES AND CHEMICALS AIDS MAY GIVE OFF HYDROGEN CHLORIDE, PHOSGENE AND CHLORINE GASES. CANS, UNDER PRESSURE, AND FLAMMABLES MAY EXPLODE.

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Accidental Release Measures

Spill Release Procedures:USE

APPROPRIATE MEASURES TO KEEP MATERIAL

AIRBORNE DUST LEVELS CONTAINED WITH EXPOSURE LEVELS OF THE INGREDIENTS SECTION.

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Handling and Storage

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.

Other Precautions:NO FOOD OR SMOKING IN WORK AREAS. WASH THOROUGHLY AFTER HANDLING. AVOID BREATHING FUMES AND VAPORS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING.

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Exposure Controls/Personal Protection

Respiratory Protection:IF THE WORK STATION IS NOT PROPERLY VENTILATED TO EXHAUST ALL FUMES, VAPORS AND DUST BELOW THE RECOMMENDED EXPOSURE LIMITS, USE A NIOSH APPROVED RESPIRATOR.

Ventilation:USE ENOUGH GENERAL VENTILATION AND LOCAL EXHAUST AT THE WORK SITE TO KEEP ALL FUMES & DUST FROM THE BREATHING ZONE.

Protective Gloves:WELDER'S GLOVE

Eye Protection:PROTECTIVE FACE SHIELD

Other Protective Equipment:EYE WASH STATION, APRONS, HATS, ARM & SHOULDER PROTECTION, AS WELL AS DARK SUBSTANTIAL CLOTHING.

Work Hygienic Practices:WEAR HEAD AND BODY PROTECTION WHICH HELP TO PREVENT INJURY FROM RADIATION, SPARKS AND ELECTRICAL SHOCK.

Supplemental Safety and Health  
NONE

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

HCC:N1

Solubility in Water:INSOLUBLE

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

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

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:METAL OXIDES. DECOMPOSITION PRODUCTS INCLUDE THOSE ORIGINATING FROM INGREDIENTS + THOSE FROM THE BASE METAL & COATING.

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

Waste Disposal Methods:DISPOSEOF WASTE MATERIAL, POWDER, GRINDING OR FILTER RESIDUE IN AN ENVIRONMENTALLY ACCEPTABLE MANNER, IN FULL COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

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