

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:72271

=== Contractor Identification ===

Company Name:EUTECTIC CORP

Ad

dress: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: 30-4

0%
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 TETRABORATE, 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 Condition Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== 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.

===== 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.

===== Accidental Release Measures =====

Spill Release Procedures:USE APPROPRIATE MEASURES TO KEEP MATERIAL AIRBORNE DUST LEVELS CONTAINED WITH EXPOSURE LEVELS OF THE INGREDIENTS SECTION.

===== 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.

===== 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 PRO

TECTION 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 PRO
DUCTS
INCLUDE THOSE ORIGINIATING 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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