

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: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:0.2 MG/M3 FUME; 9394

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
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 RECOMMEN
DED
OSHA PEL:10 MG/M3
ACGIH TLV:5 MG/M3; 9394

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

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
RAYS/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 POSSBILE 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.

===== First Aid Measures =====

First Aid:INHAL:MOVE TO FRESH AIR. CONTACT PHYSICIAN & ADVISE ON

INGREDS 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 INGREDS LISTED.INGEST:CALL PHYSICIAN &/OR LOCAL POISON CONTROL CENTER.ADVISE OF INGREDS LISTED.

===== Fire Fighting Measures =====

Flash Point:NON-FLAMMBLE

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)

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

Spill Release Procedures:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.

Other Precautions:USE ADEQUATE VENTILATION TO KEEP BELOW EXPO LIMITS.KEEP FUMS/GAS FROM BREATHING ZONE.KEEP WELDER'S HEAD OUT OF FUMES.REFER TO CHAPTER ON THERMAL SPRAYING PUBLISHED BY AMER WELD SOC.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.

Ventilation:USE W/ADEQUATE VENTILATION.

Protective Gloves:WELDING GLOVES.

Eye Protection:APPROPRIATE PROT FOR ALL OPERATIONS.

Other Protective Equipment:AS CONDITIONS/OPERATIONS WARRANT TO MIN 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/FLAMM MAY EXPLODE.

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

HCC:N1

Appearance and Odor:NONE SPECIFIED B

Y 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:NO

NE SPECIFIED BY MANUFACTURER.

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