

EUTECTIC CORP -- EUTECROD 157 -- 3439-00-833-3473

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

Product ID:EUTECROD 157  
MSDS Date:09/18/1986  
FSC:3439  
NIIN:00-833-3473  
MSDS Number: BQFBJ  
=== 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

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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:TIN  
CAS:7440-31-5  
RTECS #:XP7320000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:2 MG/M3  
ACGIH TLV:2 MG/M3; 9293

Ingred Name:SILVER (SARA III)  
CAS:7440-22-4  
RTECS #:VW3500000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.01 MG/M3  
ACGI

H TLV:0.1 MG/M3; 9293

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

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

LD50 LC50 Mixture:UNCLASSIFIED BRAZING FUMES=5MG/M3 PEL

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:SILVER-SILVER IS CORROSIVE. ULCERATION AND EYE BURNS ARE TREATED BY USING COPIOUS AMOUNTS OF WATER. TIN-EYE, SKIN AND RESPIRATORY SYSTEM IRRITATION FROM FUMES.

Exp

Explanation of Carcinogenicity:THIS PRODUCT CONTAINS C [7440-43-9], AN OSHA REGULATED CARCINOGEN.

Effects of Overexposure:SHORT TERM OVEREXPOSURE TO WELDING FUMES MAY RESULT IN DISCOMFORT SUCH AS DIZZINESS, NAUSEA, OR DRYNESS OR IRRITATION OF NOSE, THROAT OR EYES.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:REMOVE TO WELL VENTILATED AREA. CALL FOR MEDICAL AID. EMPLOY FIRST-AID TECHNIQUES RECOMMENDED BYTHE AMERICAN RED CROSS.

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

Flash Point:NONFLAMMABLE

Unusual Fire/Explosion Hazard:WELDING ARC & SPRAKS & BRAZING FLAMES CAN IGNITE COMBUSTIBLES & FLAMMABLES. REFER TO ANSI Z49.1 FOR FIRE PREVENTION DURING THE USE OF WELDING & ALLIED PROCESSES

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

Spill Release Procedures:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONME  
NT.

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

Handling and Storage Precautions:READ AND UNDERSTAND THE MANUFACTURERS INSTRUCTIONS AND THE PRECAUTIONARY ALBEL ON THE PRODUCT.

Other Precautions:PROVIDE PROTECTIVE SCREENS TO SHIELD OTHERS. WHEN ELECTRODES AND FLUXES ARE CONSUMED, THE FUME AND GAS DECOMPOSITION PRODUCTS GENERATED ARE DIFFERENT IN FORM FROM THE INGREDIENTS LISTED. NEW COMPOUNDS NOT IN THE ELECTRODES MAY FORM.

===== Exposure Contr

ols/Personal Protection =====

Respiratory Protection:USE NIOSH APPROVED RESPIRABLE FUME RESPIRATOR OR AIR SUPPLIED RESPIRATOR WHEN WORKING IN A CONFINED SPACE OR WHERE LOCAL EXHAUST OR GENERAL VENTILATION DOES NOT KEEP EXPOSURE BELOW RECOMMENDED LIMITS.

Ventilation:USE ENOUGH GENERAL & LOCAL VENTILATION AT THE ARC, OR BOTH, TO KEEP THE FUMES & GASES FROM THE WORKER BREATHING ZONE.

Protective Gloves:WELDERS LEATHER GLOVES

Eye Protection:OSHA APPROVED GOGGLES/FACE SHIELD  
W/LENS

Other Protective Equipment:DARK FLAME RETARDANT CLOTHING WHEN CUTTING, GRINDING OR BRAZING INCLUDING ARM & SHOULDER PROTECTORS, APRON, AND HAT.

Work Hygienic Practices:WASH THOROUGHLY BEFORE EATING, DRINKING OR SMOKING. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

BRAZING FUMES & GASES CANNOT BE CLASSIFIED SIMPLY. THEIR COMPOSITION AND QUANTITY ARE DEPENDENT ON THE METAL BEING WELDED, THE PROCEDURES, PROCESSES AND THE TYPE OF WIRE OR ELECTRODES USED.

OTHER INFLUENCING FACTORS ARE THE PRESENCE OF CONTAMINANTS. CHLORINATED SOLVENTS AND FLUORIDE FLUXES MAY DECOMPOSE TO TOXIC GASES.

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

HCC:N1

===== 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:BRAZING FUMES AND GASES CANNOT BE

CLASSIFIED SIMPLY. THE DECOMPOSITION PRODUCTS ARE DIFFERENT FROM THE ROD INGREDIENTS.

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

Waste Disposal Methods:DISCARD ANY PRODUCT, RESIDUE, DISPOSABLE CONTAINER OR LINER IN AN ENVIRONMENTALLY ACCEPTABLE MANNER IN FULL COMPLIANCE WITH FEDERAL, STATE & LOCAL REGULATIONS.

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