

EUTECTIC CORP -- EUTECTOR 1800 FLUX -- 3439-00-288-0868

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MSDS Safety Information  
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FSC: 3439  
 NIIN: 00-288-0868  
 MSDS Date: 06/03/1992  
 MSDS Num: BQQFG  
 Tech Review: 05/14/1993  
 Product ID: EUTECTOR 1800 FLUX  
 Responsible Party  
 Cage: 72271  
 Name: EUTECTIC CORP  
 Address: 40-40 172ND STREET  
 City: FLUSHING NY 11358-9981 US  
 Info Phone Number: 718-358-4000 FAX: 718-445-1784  
 Emergency Phone Number: 718-358-4000

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Contractor Summary  
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Cage: 4T858  
 Name: ALLIED INDUSTRIES  
 Address: 3840 VISCOUNT SUITE 15  
 City: MEMPHIS TN 38118-6023 US  
 Phone: 901-365-3936  
 Cage: 72271  
 Name: EUTECTIC CORP  
 Address: 9625-J SOUTHERN PINE BLVD  
 City: CHARLOTTE NC 28273 US  
 Phone: 704-527-9800/ 800-221-1433

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Item Description Information  
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Item Manager: S9G  
 Item Name: FLUX,SOLDERING  
 Specification Number: NONE  
 Type/Grade/Class: NONE  
 Unit of Issue: JR  
 Quantitative Expression: 00000000008OZ  
 UI Container Qty: 0  
 Type of Container: JAR

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Ingredients  
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Cas: 13709-94-9  
 Name: POTASSIUM METABORATE  
 Other REC Limits: NONE SPECIFIED  
 OSHA PEL: NOT ESTABLISHED  
 ACGIH TLV: NOT ESTABLISHED  
 Ozone Depleting Chemical: N

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 Cas: 7789-29-9  
 RTECS #: TS6650000  
 Name: POTASSIUM HYDROGEN FLUORIDE  
 Other REC Limits: NONE SPECIFIED  
 OSHA PEL: 2.5 MG/M3 AS F  
 ACGIH TLV: 2.5 MG/M3 AS F  
 Ozone Depleting Chemical: N

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 Cas: 7732-18-5  
 RTECS #: ZC0110000  
 Name: WATER  
 Other REC Limits: NONE RECOMMENDED  
 OSHA PEL: NOT ESTABLISHED  
 ACGIH TLV: NOT ESTABLISHED  
 Ozone Depleting Chemical: N

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 Health Hazards Data  
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LD50 LC50 Mixture: ORAL LD50 (RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: EXPOSURE TO BRAZING FUMES OR GASES MAY CAUSE SYMPTOMS INCLUDE NAUSEA, FEVER, DRYNESS OR IRRITATION OF THE THROAT, COUGHING, BODY ACHE AND CHILLS. LONG TERM EXPOSURE TO BRAZING FUMES, GASES OR DUST MAY CONTRIBUTE TO LUNG DAMAGE OR BE DANGEROUS TO YOUR HEALTH.

Explanation Of Carcinogenicity: POTASSIUM METABORATE IS NOT LISTED UNDER PEL OR TLV. EXPOSURE LIMITS AS FLUORIDE: PEL 2.5 MG/M3; TLV 2.5 MG/M3.

Signs And Symptoms Of Overexposure: SHORT TERM OVEREXPOSURE MAY RESULT IN DISCOMFORT SUCH AS DIZZINESS, NAUSEA, OR DRYNESS OR IRRITATION OF NOSE, THROAT OR EYES. LONG TERM OVEREXPOSURE MAY LEAD TO SIDEROSIS (IRON DEPOSITS IN LUNGS) AND MAY AFFECT PULMONARY FUNCTIONS.

Medical Cond Aggravated By Exposure: INDIVIDUALS WITH IMPAIRED PULMONARY FUNCTIONS OR ILLNESS MAY HAVE SYMPTOMS EXACERBATED BY FUME IRRITATIONS.

First Aid: REMOVE FROM DUST OR FUME EXPOSURE TO A WELL VENTILATED AREA. IF BREATHING HAS STOPPED, PERFORM ARTIFICIAL RESPIRATION. EMPLOY FIRST-AID TECHNIQUES RECOMMENDED BY THE AMERICAN RED CROSS.GET MEDICAL ATTENTION IMMEDIATELY.

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 Handling and Disposal  
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Spill Release Procedures: IF A FLUX OR CHEMICAL AID IS ACCIDENTALLY SPILLED, CONTAIN SPILL, ABSORB, & SWEEP UP. FLUSH AREA WITH WATER TO AN APPROVED CHEMICAL DRAIN.

Waste Disposal Methods: DISPOSE OF IN AN ENVIRONMENTALLY SENSITIVE MANNER IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions: WEAR HAND, HEAD, AND BODY PROTECTION WHICH PREVENT INJURE FROM RADIATION, SPARKS, AND ELECTRICAL SHOCK.

Other Precautions: DO NOT TOUCH ELECTRICAL PARTS AND INSULATE FROM WORK AND GROUND. THE FUME AND GAS DECOMPOSITION PRODUCTS GENERATED ARE DIFFERENT IN FORM FROM THE INGREDIENTS LISTED. NEW COMPOUNDS NOT IN THE ELECTRODE S MAY FORM.

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 Fire and Explosion Hazard Information  
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Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL FOAM TYPE.

Fire Fighting Procedures: ALL E+C FLUXES ARE NON FLAMMABLE & ARE USED AS DEOXIDIZERS DURING WELDING, ETC.

Unusual Fire/Explosion Hazard: SOME FLUXES & CHEMICAL AID GIVE OFF HYDROGEN CHLORIDE, PHOSGENE & CHLORINE GAS.

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 Control Measures  
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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 ARC, OR BOTH, TO KEEP THE FUMES AND GAS FROM THE WORKER.

Protective Gloves: USE CHEMICAL & OIL IMPERVIOUS GLOVES.

Eye Protection: WEAR HELMIT OR USE FACE SHIELD WITH LENS

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

Work Hygienic Practices: ALWAYS WASH HANDS THOROUGHLY AFTER USE. WEAR CHEMICAL TIGHT GOGGLES.

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

Reactivity Data

Stability Indicator: YES

Stability Condition To Avoid: NONE

Materials To Avoid: STRONG ACIDS, CYANIDES, SULFIDES.

Hazardous Decomposition Products: IN THE PRESENCE OF WATER & HEAT, FLUXES MAY GIVE OFF HCL AND HF.

Hazardous Polymerization Indicator: NO

Toxicological Information

Ecological Information

MSDS Transport Information

Regulatory Information

Other Information

Transportation Information

Responsible Party Cage: 72271

Trans ID NO: 67470

Product ID: EUTECTOR 1800 FLUX

MSDS Prepared Date: 06/03/1992

Review Date: 05/17/1993

Article W/O MSDS: N

Net Unit Weight: 8 OZ

Multiple KIT Number: 0

Unit Of Issue: JR

Container QTY: 0

Type Of Container: JAR

Detail DOT Information

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

Detail IMO Information

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

Detail IATA Information

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

Detail AFI Information

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

HAZCOM Label

Product ID: EUTECTOR 1800 FLUX

Cage: 72271

Company Name: EUTECTIC CORP

Street: 9625-J SOUTHERN PINE BLVD

City: CHARLOTTE NC  
Zipcode: 28273 US  
Health Emergency Phone: 718-358-4000  
Date Of Label Review: 05/17/1993  
Label Date: 05/17/1993  
Year Procured: 1991  
Chronic Hazard IND: Y  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: WARNING  
Respiratory Protection IND: YES  
Health Hazard: Moderate  
Contact Hazard: Moderate  
Fire Hazard: Slight  
Reactivity Hazard: None

Hazard And Precautions: EXPOSURE TO BRAZING FUMES OR GASES MAY CAUSE SYMPTOMS INCLUDE NAUSEA, FEVER, DRYNESS OR IRRITATION OF THE THROAT, COUGHING, BODY ACHE AND CHILLS. LONG TERM EXPOSURE TO BRAZING FUMES, GASES OR DUST MAY CONTRIBUTE TO LUNG DAMAGE OR BE DANGEROUS TO YOUR HEALTH. WEAR HAND, HEAD, AND BODY PROTECTION WHICH PREVENT INJURE FROM RADIATION, SPARKS, AND ELECTRICAL SHOCK. FIRST AID: REMOVE FROM DUST OR FUME E XPOSURE TO A WELL VENTILATED AREA. IF BREATHING HAS STOPPED, PERFORM ARTIFICIALRESPIRATION. EMPLOY FIRST-AID TECHNIQUES RECOMMENDED BY THE AMERICAN RED CROSS.GET MEDICAL ATTENTION IMMEDIATELY.

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