

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

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

Product ID:EUTECTOR 1800 FLUX

MSDS Date:06/03/1992

FSC:3439

NIIN:00-288-0868

MSDS Number: BQQFG

=== 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

CAG

E:72271

=== Contractor Identification ===

Company Name:ALLIED INDUSTRIES

Address:3840 VISCOUNT SUITE 15

Box:City:MEMPHIS

State:TN

ZIP:38118-6023

Country:US

Phone:901-365-3936

CAGE:4T858

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:POTASSIUM METABORATE

CAS:13709-94-9

Other REC Limits:NONE SPECIFIED

Ingred N

ame:POTASSIUM HYDROGEN FLUORIDE

CAS:7789-29-9

RTECS #:TS6650000

Other REC Limits:NONE SPECIFIED

OSHA PEL:2.5 MG/M3 AS F

ACGIH TLV:2.5 MG/M3 AS F

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Other REC Limits:NONE RECOMMENDED

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

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic: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.

Effects of Overexposure:SHORT TERM OVEREXPOSURE MAY RESULT IN DISCOMFORT SUCH AS DIZZINESS, NAUSEA, OR DRYNESS OR IRRITATION O

F 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 Measures =====

First Aid:REMOVE FROM DUST OR FUME EXPOSURE TO A WELL VENTILATED AREA. IF BREATHING HAS STOPPED, PERFORM ARTIFICIAL RESPIRATION. EMPLO

Y FIRST-AID TECHNIQUES RECOMMENDED BY THE AMERICAN RED CROSS.GET MEDICAL ATT ENTION IMMEDIATELY.

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

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 AIDS GIVE OFF HYDROGEN CHLORIDE, PHOSGENE & CHLORINE GAS.

===== Accidental Release

Measures =====

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.

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

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.

===== 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 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

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

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS, CYANIDES, SULFIDE

S.

Stability Condition to Avoid:NONE

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

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

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

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