

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

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

Product ID:EUTECTOR 1800 FLUX

MSDS Date:05/01/1986

FSC:3439

NIIN:00-288-0868

MSDS Number: BQDKF

=== 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: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 Name: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

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

LD50 LC50 Mixture:UNCLASSIFIED BRAZING FUMES=5MG/M3 PEL
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:LONG-TERM (CHRONIC) OVEREXPOSURE MAY
LEAD TO SIDEROSIS (IRON DEPOSITS IN LUNGS) AND MAY EFFECT PULMONARY
FUNCTION. ARC RAYS CAN INJUR
E EYES AND BURN SKIN. ELECTRIC SHOCK
CAN KILL.
Explanation of Carcinogenicity:NICKEL, CHROMIUM, CADMIUM & THEIR
COMPOUNDS ARE CONSIDERED BY IARC AND NTP AS KNOWN OR PROBABLE HUMAN
CARCINOGENS.
Effects of Overexposure:SHORT-TERM (ACUTE) 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.

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

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

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

Flash Point:NONFLAMMABLE
Extinguishing Media:NONFLAMMABLE.
Fire Fighting Procedures:REFER TO ANSI Z49.1 FOR FIRE PREVENTION DURING
THE USE OF WELDING AND ALLIED PROCEDURES.
Unusual Fire/Explosion Hazard:WELDING ARC AND SPARKS AND BRAZING FLAMES
CAN IGNITE COM
BUSTIBLES AND FLAMMABLES.

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

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.
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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===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE

ONLY NIOSH APPROVED RESPIRABLE FUME
RESPIRATOR OR AIR SUPPLIED RESPIRATOR WHEN WORKING IN CONFINED
SPACE OR WHERE LOCAL EXHAUST OR VENTILATION DOES NOT KEEP EXPOSURE
BELOW RECOMMENDED EXPOSURE LIM ITS.

Ventilation:USE ENOUGH GENERAL VENTILATION AND LOCAL EXHAUST AT THE
ARC, OR BOTH, TO KEEP THE FUMES AND GAS FROM THE WORKER.

Protective Gloves:WELDERS LEATHER GLOVES

Eye Protection:WEAR HELMIT OR USE FACE SHIELD WITH LENS

Other Protective Equipment:DARK FLAME RETARDANT CLOTHING WH
EN CUTTING,

GRINDING OR BRAZING INCLUDING ARM & SHOULDER PROTECTORS, APRON, AND
HAT.

Work Hygienic Practices:WASH THOROUGHLY BEFORE EATING, DRINKING OR
SMOKING. LAUNDER CONTAMINATIED 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 INFL UENCING FACTORS ARE THE PRESENCE OF CO
NTAMINANTS.

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:GASEOUS REACTION PRODUCTS MAY INCLUDE
CARBON MONOXIDE & CARBON DIOXIDE. OZONE & NITROGEN
OXIDES MAY BE
FORME.

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING
ENVIRONMENT. DISCARD AND PRODUCT, RESIDUE, DISPOSAL CONTAINER OR
LINER IN AN ENVIRONMENTALLY ACCEPTABLE MANNER, IN FULL COMPLIANCE
WITH THE REGULATIONS.

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