

EUTECTIC CORPORATION -- EUTECTRODE 1851 -- 3439-00-902-4211

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Product Identification
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Product ID:EUTECTRODE 1851

MSDS Date:05/01/1986

FSC:3439

NIIN:00-902-4211

MSDS Number: BHBBW

=== Responsible Party ===

Company Name:EUTECTIC CORPORATION

Address:40-40 172ND STREET

City:FLUSHING

State:NY

ZIP:11358

Info Phone Num:(718) 358-4000

Emergency Phone Num:(718) 358-4000

CAGE:EO060

=== 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

Company Name:EUTECTIC CORPORATION

CAGE:EO060

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Composition/Information on Ingredients
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Ingred Name:COPPER (SARA III)

CAS:7440-50-8

RTECS #:GL5325000

Other REC Limits:0.1 MG/CUM FUMES

OSHA PEL:0.1MG/M3 FUME/1 DUST

ACGIH TLV:0.2MG/M3 FUME; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name

:ALUMINUM SODIUM FLUORIDE (SODIUM FLUOALUMINATE OR CRYOLITE)

CAS:15096-52-3

RTECS #:WA9625000

OSHA PEL:2.5 MG/M3 (F)

ACGIH TLV:2.5 MG/M3 (F); 8990

Ingred Name:ALUMINUM (SARA III)

CAS:7429-90-5

RTECS #:BD0330000

Other REC Limits:5 MG/CUM

OSHA PEL:15MG/M3 DUST/5 FUME

ACGIH TLV:10MG/M3 DUST; 9192

Ingred Name:SILICATE BINDERS (SODIUM SILICATE)

CAS:1344-09-8

ACGIH TLV:10 MG/CUM

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:IRRITATION OF THE RESPIRATORY SYSTEM, NOSE, THROAT/EYES, DAMAGE TO THE LUNGS/ASTHAM, DISCOMFORT/DIZZINESS/NAUSEA/DRYNESS/SKIN & EYE BURNS, PULMONARY EDEMA BRONCHITIS/METALLIC TASTE/TIGHTNESS IN CHEST/ FEVER/RHINITIS/HEADACHE. INGESTION: SEVERE INJURY OR DEATH. SKIN: CAN FORM ULCERS.

Explanation of Carcinogenicity:STUDIES HAVE SHOWN THAT WORKERS EXPOSED TO CERTAIN CHROMIUM (VI) COMPOUNDS HAVE AN EXCESS OF LUNG CANCER.

Effects of Overexposure:INHALATION: MAY AFFECT CENTRAL NERVOUS SYSTEM/MUSCULAR WEAKNESS/TREMORS/PNEUMOCONIOSIS/PULMONARY EDEMA/LUNG FIBROSIS/NERVOUS DISORDERS/BREATHING DIFFICULT/COUGH/FEVER/CIRCULATORY SYSTEM/MUSCULATURE/SKIN, EYES & RESPIRATORY TRACT. ARC RAYS CAN INJURE EYES/BURN SKIN/SYSTEMIC POISONING AFFECTING KIDNEYS & LIVER.

Medical Cond Aggravated by Exposure:ALLERGIC SKIN REACTION, ULCER. NERVOUS DISORDER/MAY HAVE DELETORIOUS EFFECTS ON THE HEART/CIRCULATORY SYSTEM/MUSCULATURE. MAY LEAD TO SIDEROSIS (IRON DEPOSITS IN LUNGS)/MAY AFFECT PULMONARY FUNCTIONS

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

First Aid:INHALATION: REMOVE FROM OVEREXPOSURE/APPLY ARTIFICIAL RESPIRATION, IF NEEDED. EYE/SKIN: WASH WITH SOAP & WATER, ALLERGIC REACTIONS LIKELY IN ABOUT 10% OF WORKERS. CALL MEDICAL HELP.

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

Flash Point:NO

NFLAMMABLE

Unusual Fire/Explosion Hazard:NON FLAMMABLE. WELDING ARC & BRAZING
FLAMES CAN IGNITE COMBUSTIBLES/FLAMMABLES.

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

Handling and Storage Precautions:ONE RECOMMENDED WAY TO DETERMINE THE
COMPOSITION/QTY OF FUMES/GASES TO WHICH WORKERS ARE EXPOSED IS TO
TAKE AN AIR SAMPLE INSIDE WELDERS, IF WORN.

Other Precautions:TRAIN THE WORKER NOT TO TOUCH LIVE ELECTRICAL PARTS &
TO INSULATE HIMSELF FROM WORK & GROUND. T
RAIN THE WORKER TO KEEP
HIS HEAD OUT OF THE FUMES.

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

Respiratory Protection:USE NIOSH APPROVED RESPIRABLE FUME AIR SUPPLIED
RESPIRATOR WHEN WORKING IN CONFINED SPACE.

Ventilation:USE ENOUGH LOCAL EXHAUST/MECHANICAL VENTILATION AT THE ARC
TO KEEP