

EUTEC-SILWELD 1618

MSDS Number

CBBTG

National Stock Number

3439-00N031717

Product Name

EUTEC-SILWELD 1618

Manufacturer

EUTECTIC CORP

Product Identification

Product ID:EUTEC-SILWELD 1618

MSDS Date:05/08/1992

FSC:3439

NIIN:00N031717

MSDS Number: CBBTG

Responsible Party

EUTECTIC CORP

40-40 172ND ST

FLUSHING , NY 11358-2799

US

Emergency Phone: 718-358-4000

Info Phone: 718-358-4000

Cage: 72271

Contractor

EUTECTIC CORP

CHARLOTTE, NC 28273

US

704-527-9800/ 800-221-1433

Cage: 72271

Ingredients

SEE ANSI AWS F1.1 & AWS F1.3 "EVAL CONTAMS IN

RTECS: 9999999ZZ

TRAIN WELDER TO KEEP HIS/HER FACE AWAY FROM FUME/DUST

RTECS: 9999999ZZ

& FULL LENGTH FACESHIELD . WEAR APPROP FILTER

RTECS: 9999999ZZ

WEAR CONTACT LENSES.

RTECS: 9999999ZZ

ZINC (SARA 313) (CERCLA)

CAS: 7440-66-6

RTECS: ZG8600000

Fraction By Weight: 10-20%

OSHA PELN/K

ACGIH TLV: N/K

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

POTASSIUM PENTABORATE

CAS: 11128-29-3

OSHA PELN/K

ACGIH TLV: N/K

TIN

CAS: 7440-31-5

RTECS: XP7320000

OSHA PEL2 MG/M3

ACGIH TLV: 2 MG/M3

COMPOSITION & QTY OF THESE DEPEND ON METAL BEING

RTECS: 9999999ZZ

USED. OTHER CNDTNS WHICH INFLUENCE COMPOSITION & QTY

RTECS: 9999999ZZ

TO INCL COATINGS ON WORKPIECE (PAINT, GALVANIZING,

RTECS: 9999999ZZ

QUALITY & AMT OF VENT, POSITION OF WORKER'S HEAD

RTECS: 9999999ZZ

CONTAMINANTS IN ATM (SUCH AS CHLORINATED HYDROCARBON

RTECS: 9999999ZZ

WELDING, TERMAL SPRAYING & ALLIED PROCESSES, FUME &

RTECS: 9999999ZZ

LISTED INGREDIENTS. DECOMP PRODS OF NORM OPERATION INCL

RTECS: 9999999ZZ

OXIDATION OF MATLS LISTED PLUS THOSE OF BASE METAL

RTECS: 9999999ZZ

MAY INCL COMPLEX OXIDES OF LISTED METALS; FLUX

RTECS: 9999999ZZ

SILICA. GASEOUS RXN PRODS MAY INCL OZONE, CARBON

RTECS: 9999999ZZ

INERT GASES USED AS SHIELDING GASES. ONE RECOM WAY

RTECS: 9999999ZZ

TO WHICH WORKERS ARE EXPOS IS TO TAKE AN AIR SAMPLE

RTECS: 9999999ZZ

SILVER (SARA 313) (CERCLA)

CAS: 7440-22-4

RTECS: VW3500000

Fraction By Weight: 30-40%

OSHA PEL0.01 MG/M3

ACGIH TLV: 0.1 MG/M3

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

POTASSIUM FLUORIDE

CAS: 7789-23-3

RTECS: TT0700000

OSHA PEL2.5 AS F (MFR)

ACGIH TLV: 2.5 AS F (MFR)

COPPER (SARA 313) (CERCLA)

CAS: 7440-50-8

RTECS: GL5325000

Fraction By Weight: 10-20%

OSHA PEL0.1MG/M3 FUME;1 DUST

ACGIH TLV: 0.2 MG/M3 FUME

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:LITTLE OR NO HAZS EXIST FOR ARC WELDING ELECTRODES & BRAZING RODS BEFORE THEY ARE USED IN WELDING PROCESS. INHAL:FUMES ASSOC W/HEATING, WELDING, BRAZING, SOLDERING OR CUTTING METALS CAN BE DANGEROUS T O HLTH & OVEREXP CAN CAUSE LUNG DMG &/OR OTHER ORGAN DMG. USE ADEQ VENT TO KEEP BELOW EXPOS LIMS. KEEP (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ:FUMES & GASES FROM BRTHG ZONE-KEEP WELDER'S HEAT OUT OF FUMES. EYE/SKIN CNTCT:ARC RAYS & UV LIGHT CAN INJURE EYES & BURN SKIN. HANDLE W/CARE. WEAR PROPER EYE, EAR & BODY PROT. ELECTRIC SHOCK CAN KILL.

Medical Cond Aggravated by Exposure:AGGRAVATION OF PREEXISTING RESPIRATORY OR ALLERGIC CONDITIONS MAY OCCUR IN SOME WORKERS.

First Aid

First Aid:INHAL: MOVE TO FRESH AIR SOURCE. CONTACT MD AND ADVISE OF INGREDIENTS. SKIN: THOROUGHLY WASH HANDS OR AFFECTED AREAS WITH SOAP AND WATER TO REMOVE ALL RESIDUE. IF RASH OR BURN DEVELOPS CONSULT MD. EYE S: THOROUGHLY FLUSH EYES WITH WATER FORAT LEAST 15 MINUTES TO REMOVE ALL RESIDUE. ADVISE MD OF INGREDIENTS. INGEST: CALL MD AND/OR LOCAL POISON CONTROL CENTER. ADVISE OF INGREDIENTS.

Fire Fighting

Extinguishing Media:CARBON DIOXIDE, DRY CHEMIAL FOAM TYPE.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT . TOXIC FUMES MAY BE PRODUCED.

Unusual Fire/Explosion Hazard:NONFLAMMABLE. WELDING ARC, SPARKS AND FLAMES CAN IGNITE COMBUSTIBLES AND FLAMMABLES.

Accidental Release

Spill Release Procedures:NONE SPECIFIED BY MANUFACTURER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:PLEASE READ AND UNDERSTAND THE PRODUCE LABEL INFORMATION FOR PROPER PROCEDURES AND USE.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

Exposure Controls

Respiratory Protection:IF THE WORK STATION IS NOT PROPERLY VENTILATED TO EXHAUST ALL FUMES, VAPORS & DUSTS BELOW THE RECOMMENDED EXPOSURE LIMITS, USE A NIOSH/MSHA APPROVED RESPIRATOR.

Ventilation:USE ENOUGH GEN VENT & LOC EXHST AT WORK SITE TO KEEP ALL FUMES & DUST FROM WORKER'S BRTHG ZONE & GEN AREA. (ING 20)

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGS (ING 21)

Other Protective Equipment:ANSI APPRVD EYE WASH & DELUGE SHOWER FULL PROT EQUIP NORM USED IN WELDING/BRAZING OPERATIONS TO PVNT SKIN CNTCT.

Work Hygienic Practices:ALWAYS WASH HANDS THOROUGHLY AFTER USE.

Supplemental Safety and Health

HAZ DECOMP PRODS: IMPLY EXISTENCE OF ANY HAZ. WELDING ELECTRODES, BRAZING ALLOYS & SOLDER SOLIDS AS SHIPPED ARE STABLE, NONFLAM, NONEXPLO & IN MOST CASES NONREACTIVE. FUMES, GASES & DUSTS GIVE OFF DUR ING HEATING, WELDING, BRAZING, SOLDERING, CUTTING OR THERMAL SPRAY PROC CANNOT BE CLASSIFIED SIMPLY. (ING 7)

Chemical Properties

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

Stability

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:TERM "HAZ" SHOULD BE INTERPRETED AS DEFINED IN OSHA HAZ COMMUNICATION STD (29 CFR 1910.1200) & DOES NOT NEC (SUPDAT)

Disposal

Waste Disposal Methods:DISPOSE OF IN AN ENVIRONMENTALLY SENSITIVE MANNER IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. USE APPROPRIATE MEASURE TO KEEP AIRBORNE DUST LEVELS CONTAINED IN ACCORDANCE WITH EXPOSURE LE VELs.

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