

EUTECTIC CORP -- EUTEC TINWELD I -- 3439-00-873-1527

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

Product ID:EUTEC TINWELD I
MSDS Date:08/08/1989
FSC:3439
NIIN:00-873-1527
MSDS Number: BSFQL
=== 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
CAGE:7227

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=== 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:TIN
CAS:7440-31-5
RTECS #:XP7320000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 MG/M3
ACGIH TLV:2 MG/M3; 9394

Ingred Name:LEAD (SARA III)
CAS:7439-92-1
RTECS #:OF7525000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:SEE 1910.10

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ACGIH TLV:0.15 MG/M3,DUST;9394

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:ZINC CHLORIDE (SARA III)

CAS:7646-85-7

RTECS #:ZH1400000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:1MG/M3/2STEL(FUME)94

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ETHYLENE GLYCOL (SARA III)

CAS:107-21-1

RTECS #:KW2975000

Other REC Limits:NONE RECOMMENDED

ACGIH TLV:C 50 PPM,VAPOR; 9394

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:ETHYL ALCOHOL (ETHANOL)

CAS:64-17-5

RTECS #:KQ6300000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9394

Ingred Name:AMMONIUM CHLORIDE (SARA III)

CAS:12125-02-9

RTECS #:BP4550000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10 MG/M3

ACGIH TLV:10 MG/M3 FUME; 9394

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:TLV 5 MG/M3 WELDING FUMES

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

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

Health Hazards Acute and Chronic:SKIN IRRITATION, EYE IRRITATION.

PRIMARY HAZARD OCCURS WHEN PRODUCT IS USED IN WELDING, SOLDERING AND FUMES AND GASES ARE RELEASED. THESE DECOMPOSITION PRODUCTS MAY IRRITATE THE RESPIRATORY TRACT.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:SKIN IRRITATION, EYE IRRITATION, RESPIRATORY TRACT IRRITATION.

Medical

Cond Aggravated by Exposure:PREEXISTING SKIN AND/OR RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE.

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First Aid Measures
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First Aid:INHALATION: REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM AND QUIET. GET MEDICAL ATTENTION. SKIN: WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. INGESTION: UNLIKELY ROUTE OF EXPOSURE.

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Fire Fighting Measures
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Flash Point:NONFLAMMABLE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:NONFLAMMABLE. USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WELDING ARC AND SPARKS AND BRAZING FLAMES CAN IGNITE COMBUSTIBLES AND FLAMMABLES. REFER TO ANSI Z49.1 FOR FIRE PREVENTION DURING THE USE OF WELDING, ETC.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE

PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS. METAL POWDER DUST MAY PRESENT A FIRE OR EXPLOSION HAZARD UNDER FAVORABLE CONDITN

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Accidental Release Measures
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Spill Release Procedures:COLLECT PASTE AND HOLD FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:PRODUCT IS NONHAZARDOUS AS SHIPPED/STORED. HAZARD OCCURS WHEN PRODUCT IS US

ED IN

WELDING/SOLDERING/ETC.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR SELECTION.

Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION TO MAINTAIN EXPOSURE LEVELS.

Protective Gloves:WELDING GLOVES

Eye Protection:SAFETY GLASSES, GOGGLES, WELDERS SHIELD

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

WELDING FUMES AND GASES CANNOT BE CLASSIFIED SIMPLY. THE COMPOSITION AND QUANTITY OF BOTH ARE DEPENDENT ON THE METAL BEING WELDED, THE PROCESS AND PROCEDURES AND ELECTRODES BEING USED. THE DECOMPOSITION PRODUCTS GENERATED ARE DIFFERENT IN PERCENT AND FORM FROM THOSE LISTED IN THE INGREDIENTS SECTION OF THIS MSDS.

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===== Physical/Chemical Properties =====

HCC:N1

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:NOT GIVEN

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:NEGLIGIBLE

Appearance and Odor:PASTE

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

Stability Indic

ator/Materials to Avoid: YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: METAL FUMES AND OXIDES, LIKELY CARBON MONOXIDE, FLUORIDES, OXIDES OF IRON, MANGANESE, SILICON, CHROMIUM, NICKEL, ETC.

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

Waste Disposal Methods: PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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