

AMCO C FLUX

MSDS Number

BBBDT

National Stock Number

3439-00B010057

Product Name

AMCO C FLUX

Manufacturer

FORCE CHEMICALS DIV

Product Identification

Product ID:AMCO C FLUX

MSDS Date:06/01/1988

FSC:3439

NIIN:00B010057

MSDS Number: BBBDT

Responsible Party

FORCE CHEMICALS DIVISION

28 INDUSTRIAL BLVD.

PAOLI , PA 19301

US

Info Phone: 215647-3575

Cage: DO821

Contractor

FORCE CHEMICALS DIVISION-AMERICAN SOLDER & FLUX CO

PAOLI, PA 19301

US

215647-3575

Cage: DO821

Ingredients

ETHANOLAMINE

CAS: 141-43-5

RTECS: KJ5775000

OSHA PEL3 PPM/6 STEL

ACGIH TLV: 3 PPM/6 STEL; 9192

HYDROGEN CHLORIDE

CAS: 7647-01-0

RTECS: MW9620000

ACGIH TLV: 7MG/M3

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ZINC CHLORIDE (SARA III)

CAS: 7646-85-7

RTECS: ZH1400000

OSHA PEL1 MG/M3/2 STEL

ACGIH TLV: 1 MG/M3/2STEL FUME93

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ZINC OXIDE

CAS: 1314-13-2

RTECS: ZH4810000

OSHA PEL15MG/M3 TDUST/5 FUME

ACGIH TLV: 10MG/M3 TDUST; 9293

AMMONIUM CHLORIDE (SARA III)

CAS: 12125-02-9

RTECS: BP4550000

OSHA PEL10 MG/M3/20 STEL

ACGIH TLV: 10 MG/M3 FUME; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

TIN

CAS: 7440-31-5

RTECS: XP7320000

OSHA PEL2 MG/M3

ACGIH TLV: 2 MG/M3; 9192

ANTIMONY (SARA III)

CAS: 7440-36-0

RTECS: CC4025000

OSHA PEL0.5 MG/M3

ACGIH TLV: 0.5 MG SB/M3; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

OXYALKYLENE POLYMER

CAS: 25322-68-3

Hazards

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

Effects of Overexposure:CHEMICAL BURNS TO DIGESTIVE SYSTEM AND MUCOSAL SURFACES.MAY BE FATAL IF INGESTED.INHALATION:IRRITATION TO

RESPIRATORY SYSTEM.MAY BE FATAL IF INHALED.SKIN

CONTACT:DERMATITIS,CHEMICAL BURN FROM CONTINUE D CONTACT.EYE

CONTACT:IRRITATION TO EYES.BURN TO EYE SURFACES THAT MAY RESULT IN BLINDNESS.

Medical Cond Aggravated by Exposure:PRE-EXISTING LUNG & SKIN DISORDERS WILL BE AGGRAVATED.

First Aid

First Aid:SWALLOWING:DO NOT INDUCE VOMITING.SEEK MED.ATTN.IMMEDIATELY.CONTACT YOUR POISON CONTROL CENTER OR PHYSICIAN.INGESTION MAY BE FATAL.SKIN:WASH THOROUGHLY W/SOAP AND WATER TO REMOVE ALL RESIDUE.CALL A PHYSICIAN.INHALATION:REMOVE TO FRESH AIR.CALL A PHYSICIAN.INHALATION OF FUMES MAY BE FATAL.EYES:FLUSH WITH WATER FOR AT LEAST 15 MINUTES TO REMOVE ALL RESIDUE.GET MEDICAL ATTN.IMMEDIATELY.

Fire Fighting

Flash Point Method:TCC

Flash Point:230 F

Extinguishing Media:WATER,FOG,OR FOAM

Fire Fighting Procedures:NONE

Unusual Fire/Explosion Hazard:MAY RELEASE TOXIC FUMES IF INVOLVED IN A FIRE.

Accidental Release

Spill Release Procedures:BEING A VISCOUS PASTE,ABSORB AND CONTAIN THE SPILL AND DISPOSE.WATER WASH THE CONTAMINATED AREA AND DISPOSE IN CHEMICAL SEWER.

Handling

Handling and Storage Precautions:STORE THE MATERIAL IN CLOSED CONTAINERS AT AMBIENT CONDITIONS.

Other Precautions:SHORT TERM TOXIC EFFECTS INCLUDE THOSE TO LIVER AND KIDNEYS.WASH HANDS THOROUGHLY AFTER HANDLING TO REMOVE ALL RESIDUE.PROFESSIONALLY WASH CONTAMINATED CLOTHING BEFORE RE-USE.DO NOT TAKE INTERNALLY OR BREATHE FUMES.

Exposure Controls

Respiratory Protection:USE NIOSH APPROVED MASK,IF WORK STATION IS NOT PROPERLY VENTILATED TO REMOVE ALL FUMES AND VAPORS.

Ventilation:MAINTAIN AIR FLOW AWAY FROM USER TO EXHAUST ALL FUMES AND VAPORS SO THAT THE TLV IS NEVER EXCEEDED.

Protective Gloves:CHEMICAL/IMPERVIOUS GLOVES

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:PROTECTION EQUIPMENT USED IN A SOLDERING OPERATION SO AS TO PREVENT ANY CONTACT.

Supplemental Safety and Health

Chemical Properties

Boiling Pt:B.P. Text:212F

Vapor Pres:0.55

Vapor Density:0.39

Spec Gravity:1.59

Solubility in Water:APPRECIABLE

Appearance and Odor:SMOOTH GREY PASTE WITH NO CHARACTERISTIC ODOR.

Percent Volatiles by Volume:26.3

Stability

Stability Indicator/Materials to Avoid:YES

CYANIDES AND SULFIDES

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:HYDROGEN CHLORIDE,ZINC OXIDE,NITROGEN OXIDES

Disposal

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ALL FEDERAL,STATE AND LOCAL REGULATIONS.

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