

EUTECTIC CORP -- ALUTIN 51 FLUX -- 3439-00-255-4568

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

Product ID:ALUTIN 51 FLUX

MSDS Date:09/11/1989

FSC:3439

NIIN:00-255-4568

MSDS Number: BDPDF

=== Responsible Party ===

Company Name:EUTECTIC CORP

Address:40-40 172ND ST

City:FLUSHING

State:NY

ZIP:11358

Country:US

Info Phone Num:718-358-4000

Emergency Phone Num:718-358-4000

CAGE:72271

=== Contractor Identification

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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:AMINOETHYLETHANOLAMINE

CAS:111-41-1

RTECS #:KJ6300000

Other REC Limits:NONE SPECIFIED

Ingred Name:AMMONIUM FLUOBORATE (SARA III)

CAS:13826-83-0

RTECS #:BQ6100000

Other REC Limits:NONE SPECIFIED

OSHA PEL:2.5 MG F/M3

ACGIH TLV:2.5 MG F/M3; 9192

EPA Rpt Qty:5

000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ZINC OXIDE  
CAS:1314-13-2  
RTECS #:ZH4810000  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15MG/M3 TDUST/5 FUME  
ACGIH TLV:10MG/M3 TDUST; 9293

Ingred Name:CADMIUM FLUOROBORATE  
CAS:14486-19-2  
RTECS #:EV0525000  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:1 MG/M3/2 STEL  
ACGIH TLV:1 MG/M3/2 STEL; 8990

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Effects of Overexposure:SKIN OR EYE CONTAC  
T MAY CAUSE IRRITATION. FUMES  
MAY CONTRIBUTE TO RESPIRATORY IRRITATION.

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

First Aid:FLUSH AFFECTED AREA WITH WATER.REMOVE TO WELL VENTILATED  
AREA. OBTAIN MEDICAL ASSISTANCE IF NECESSARY.

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

Flash Point:NONE  
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY  
CHEMICAL.  
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED  
CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF.  
Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE  
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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===== Accidental Release Measures =====

Spill Release Procedures:AVOID CONTACT WITH SKIN OR EYES. RINSE  
THOROUGHLY WITH WATER IF CONTACT MADE.

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

Handling and Sto

Precautions:REFER TO AWS PUBLICATION ANSI  
Z49.1-198. KEEP FLUX SOLUTIONS IN TIGHTLY CLOSED GLASS OR PLASTIC  
CONTAINERS.

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

Respiratory Protection:USE AIR-SUPPLIED TYPE IN CONFINED AREA.  
Ventilation:LOCAL EXHAUST/MECHANICAL.  
Protective Gloves:WELDER'S.  
Eye Protection:PROTECTIVE SHIELD & LENS.  
Supplemental Safety and Health  
FORMULATION CHANGE FROM P/N IND A; ALUTIN 51-B SERIES IS NO LONGER  
PRODUCED.

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

HCC:B2  
Solubility in Water:APPRECIABLE  
Appearance and Odor:BROWN LIQUID AT ATMOSPHERIC CONDITION.

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

Stability Indicator/Materials to Avoid:YES  
Hazardous Decomposition Products:COMPLEX,TOXIC FUMES.

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

Waste Disposal Methods:FLUSH THOROUGHLY WITH WATER. NORMAL INDUSTRIAL  
WASTE PROCEDURE.

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