

AMERICAN CHEMICAL AND FLUX PRODUCTS -- CAST IRON FLUX -- 3439-00-255-4580

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Product Identification  
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Product ID:CAST IRON FLUX

MSDS Date:02/12/1998

FSC:3439

NIIN:00-255-4580

MSDS Number: CGLRM

=== Responsible Party ===

Company Name:AMERICAN CHEMICAL AND FLUX PRODUCTS

Address:5722 UNION PACIFIC AVE

City:LOS ANGELES

State:CA

ZIP:90022

Country:US

Info Phone Num:213-723-0711

Emergency Phone N

um:213-723-0711

Preparer's Name:BAY J. MARCK

CAGE:OBTX0

=== Contractor Identification ===

Company Name:AMERICAN CHEMICAL CORP

Address:35555 CURTIS BLVD

Box:City:EAST LAKE

State:OH

ZIP:44094

Phone:215-943-7600

CAGE:OBTX0

Company Name:BAY TOOL AND SUPPLY INC

Box:UNKNOW

CAGE:076G7

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Composition/Information on Ingredients  
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Ingred Name:BORIC ACID

CAS:10043-35-3

RTECS #:ED4550000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10 MG BORATES/M3

ACGIH TLV:5 MG BORATES/M3

Ingred

Name:SODIUM BORATE, PENTAHYDRATE (BORAX 5 MOL)  
CAS:12179-04-3  
RTECS #:VZ2540000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10 MG/M3  
ACGIH TLV:1 MG/M3; 9596

Ingred Name:IRON OXIDE  
CAS:1309-37-1  
RTECS #:NO7400000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10 MG/M3 (FE)  
ACGIH TLV:5MG(FE)/M3FUME,B2;96

Ingred Name:SODIUM HYDROXIDE (CERCLA)  
CAS:1310-73-2  
RTECS #:WB4900000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:2 MG/M3  
ACGIH TLV:C 2 MG/M3; 9596  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:KAOLIN  
CAS:1332-58-7  
RTECS #:GF1670500  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:2 MG/M3 TDUST; 9596

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:IRRITATION OF EYES,NOSE,SKIN.  
Explanation of Carcinogenicity:PER MSDS:CARCINOGENICITY:NONE.  
Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.  
Medical Cond Aggravated by Exposure:NONE FOUND

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

First Aid:INHAL:REMOVE TO FRESH AIR.IEYES:FLUSH W/WATER.SKIN:WASH OFF  
W/SOAP/WATER.EYES:FLUSH W/WATER.SKIN:WASH OFF  
W/SOAP/WATER.INGEST:CONTACT PHYSICIAN.

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

Flash Point:NA  
Lower Limits:NA  
Upper Limits:NA  
Fire Fighting Procedures:NONE  
Unusual Fire/Explosion Hazard

:NONE

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

Spill Release Procedures:SWEEP UP & DISPOSE IN ACCORDANCE IWTH LOCAL, STATE AND FEDERAL REGULATIONS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:FOR ADDNITIONAL SAFETY INFO ON WELDING & CUTTING SEE AWS "THE WELDING HANDBOOK" & AMERICAN STD "SAFETY IN WELDING & CUTTING".

Other Precautions:NONE SPECIFIE D BY MANUFACTURER.

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

Respiratory Protection:USE AIR SUPPLIED RESPIRATORS IF WELDING OR BRAZING IN CONFINED AREA.

Ventilation:LOCAL EXHAUST:YES,PROVIDE ADEQUATE VENTILATION.MECHANICAL:YES.SPECIAL:NO.

Protective Gloves:YES,WELDER'S GLOVES

Eye Protection:WELDERS GOGGLES SHADE 5 OR DARKER

Other Protective Equipment:WELDING HELMET OR FACE SHIELD W/FILTER LENS,APRON.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

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

HCC:N1

Boiling Pt:B.P. Text:NA

Melt/Freeze Pt:M.P/F.P Text:NP

Decomp Temp:Decomp Text:NP

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:2.30

pH:NP

Evaporation Rate & Reference:0, WATER=1

Solubility in Water:6.40 GM/ML

Appearance and Odor:REDDISH BROWN POWDER

Percent Volatiles by Volume:0

Corrosion Rate:NP

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

Stability Indicator/

Materials to Avoid: YES

CREATE AN EXPLO HAZ.

Stability Condition to Avoid: RX W/STRONG REDUCING AGENTS SUCH AS METAL HYDRIDES OR ALKALI METALS WILL GENERATE HYDROGEN GAS WHICH COULD (MATL TO AVOI)

Hazardous Decomposition Products: NONE

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

Waste Disposal Methods: NO SPECIAL DISPOSAL FOR LESS THAN 50LBS. REFER TO YOUR LOCAL, STATE AND FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies)

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