

FRY METALS -- FLUX, SOLDERING -- 3439-01-142-2423

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Product Identification  
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Product ID:FLUX, SOLDERING

MSDS Date:07/23/1991

FSC:3439

NIIN:01-142-2423

MSDS Number: BKLMB

=== Responsible Party ===

Company Name:FRY METALS

Address:6TH AVE & 41 ST

City:ALTOONA

State:PA

ZIP:16602

Country:US

Emergency Phone Num:800-458-3499

Preparer's Name:DBD

CAGE:JO372

=== Contractor Identification ===

Company

Name:FRY METALS

Address:4100 SIXTH AVE

Box:City:ALTOONA

State:PA

ZIP:16602

Country:US

Phone:814-946-1611

CAGE:JO372

Company Name:FRY TECHNOLOGY DIV OF COOKSON AMERICA INC

Address:6TH AVE AND 41ST ST

Box:City:ALTOONA

State:PA

ZIP:16602

Country:US

Phone:814-946-1611

CAGE:65172

Company Name:INDUSTRIAL OVERSEAS INC (904-797-3376)

CAGE:40443

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Composition/Information on Ingredients  
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Ingred Name:ZINC CHLORIDE (SARA III)

CAS:7646-85-7

RTECS #:ZH1400000

Fraction by Wt: 30%

OSHA PEL:1 MG/M3/2 STEL  
ACGIH TLV:1 MG/M3/2STEL FUME93  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA III)  
CAS:7647-01-0  
RTECS #:MW4025000  
Fraction by Wt: 12.5%  
OSHA PEL:C 5 PPM  
ACGIH TLV:C 5 PPM; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ACETIC ACID (SARA III)  
CAS:64-19-7  
RTECS #:AF1225000  
Fraction by Wt: 3%  
OSHA PEL:10 PPM  
ACGIH TLV:10 PPM/15 STEL; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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zards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Health Hazards Acute and Chronic:NONE SPECIFIED BY MANUFACTURER.  
Explanation of Carcinogenicity:MANUFACTURER DID NOT SPECIFY IF THE  
PRODUCT CONTAINS CARCINOGENS.  
Effects of Overexposure:INHALE: FAINTNESS, NAUSEA. INGEST: HARMFUL OR  
FATAL. INHALE: HARMFUL. SKIN: BURNS.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures =====  
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First Aid:INHALE: REMOVE TO FRSH AIR, GIVE CPR/O\*2 IF NEED. EYES/SKIN:  
FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MIN. INGEST: RINSE MOUTH,  
DRINK PLENTY OF MILD OR WATER, DO NOT INDUCE VOMIT, CONTACT  
PHYSICIAN IM MEDIATELY. GET MEDICA ATTENTION FOR SYMPTOMS OF  
OVEREXPOSURE.

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Fire Fighting Measures =====

Extinguishing Media:NON FLAMMABLE: USE MEDIA SUITABLE FOR SURROUNDING  
FIRE.  
Fire Fighting Procedures:SELF-CONTAINED BR

EATHING APPARATUS;USE WATER

SPRAY TO COOL CONTAINERS.

Unusual Fire/Explosion Hazard:CONTAINERS MAY RUPTURE IN HEAT OF FIRE.

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

Spill Release Procedures:EVACUATE UMPROTECTED PERSONS. DO NO TOUCH  
SPILLED MATERIAL. WEAR PROTECTIVE EQUIPMENT. STOP LEAK IF POSSIBLE  
WITHOUT RISK. ABSORBWITH COMMERCIAL ABSORBENT, PUT IN APPR  
CONTAINERS; LG SPILL: CONTAIN WI TH DIKE, TRANSFER TO APPROVED  
CONTAINER.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED  
AREA. KEEP CONTAINERS TIGHTLY CLOSED. PROTECT FORM PHYSICAL DAMAGE.  
STORE AS AN ACID.

Other Precautions:MAINTAIN STRICT HYGIENE, AVOID PHYSICAL CONTACT,  
REMOVE & WASH CONTAMINATED CLOTHING. WHEN WELDING, USE WELDERS  
GLOVES, FACE SHIELD, LEATHE APRON, WELDERS COATS, & COLORED  
ABSORPTIVE LENS.

===== Exposure Controls/Personal Protection =====  
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Respiratory Protection:FOR EXPOSURE:SELF-CONTAINED BREATHING  
APPARATUS/APPROVED RESPIRATOR.

Ventilation:MECHANICAL(GENERAL/LOCAL EXHAUST)

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY/CHEM GOGGLES

Other Protective Equipment:FULL WORK CLOTHING.

Work Hygienic Practices:SEE OTHER PRECAUTIONS.

Supplemental Safety and Health

2 TYPE AND B FORM

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

HCC:C1

Boiling Pt:B.P. Text:214F,101C

Spec Gravity:1.29

Evaporation Rate &am

p; Reference:0.5

Solubility in Water:COMPLETE

Appearance and Odor:SLIGHTLY COLORED SOLUTION; ACID ODOR

Percent Volatiles by Volume:69.8

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

Stability Indicator/Materials to Avoid:YES

ALKALIES

Stability Condition to Avoid:NONE NOTED

Hazardous Decomposition Products:CHLORINE, HYDROCHLORIC ACID, CARBON DIOXIDE, ZINC.

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

Waste Disposal Methods:KEEP IN COVERED CONTAINERS PENDING DISPOSAL.

HANDLE AND DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE INTERNATIONAL, FEDERAL, STATE AND LOCAL REGULATIONS. WASH RESIDUE WITH WATER(PER MFG)

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