

DAY S A MFG CO -- NAVAL AIR ENGINEERING SOLDERING FLUX -- 3439-00-469-3398

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

Product ID:NAVAL AIR ENGINEERING SOLDERING FLUX

MSDS Date:05/15/1991

FSC:3439

NIIN:00-469-3398

MSDS Number: BPBML

=== Responsible Party ===

Company Name:DAY S A MFG CO

Address:1489 NIAGARA ST

City:BUFFALO

State:NY

ZIP:14213-1103

Country:US

Info Phone Num:716-881-3030

Emergency Phone Num:71

6-881-3030

CAGE:85150

=== Contractor Identification ===

Company Name:DAY S A MFG CO

Address:1489 NIAGARA ST

Box:City:BUFFALO

State:NY

ZIP:14213-1103

Country:US

Phone:716-881-3030

CAGE:85150

===== Composition/Information on Ingredients =====

Ingred Name:ZINC CHLORIDE (SARA III)

CAS:7646-85-7

RTECS #:ZH1400000

Fraction by Wt: 8%

Other REC Limits:NONE RECOMMENDED

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:AMMONI

UM CHLORIDE (SARA III)  
CAS:12125-02-9  
RTECS #:BP4550000  
Fraction by Wt: 25%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10 MG/M3/20 STEL  
ACGIH TLV:10 MG/M3 FUME; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%  
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.  
Effects of Overexposure:INHALATION: COUGHING, WHEEZING, SNEEZING,  
DIZZINESS, DROWSINESS, NAUSEA, HEADACHE, AND STUPOR. EYES: REDNESS,  
TEARING, BLURRED VISION. SKIN: REDNESS, RASH, ITCHING. INGESTION:  
NAUSEA, VOMITING, DIARRH EA, DIZZINESS, HEADACHE, STUPOR.  
Medical Cond Aggravated by Exposure:DERMAL SENSITIVITY MAY BE  
AGGRAVATED BY SKIN CONTACT.

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

First Aid:INHALATION: REMOVE PERSON TO FRESH AIR. RESUSCITATE IF  
NEEDED. GET MEDICAL AID. EYES: FLUSH WITH WATER FOR 15 MINUTES. GET  
MEDICAL AID. SKIN: WASH WITH SOAP AND WATER. INGESTION: DO NOT  
INDUCE VOMITING. IF CONSCIOUS, GIVE WATER. GET IMMEDIATE MEDICAL  
AID.

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

Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND  
FULL PROTECTIVE GEAR.  
Unusual Fire/Explosion Hazard:CLOSED CONTAINERS EXPOSED TO HEAT MAY  
EXPLODE. MAY GIVE OFF TOXIC GASES (HYDROGEN CHLORIDE, AMMONIA) IF  
EXPOSED TO EXCESSIVE HEAT OF A FIRE.

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

Spill Release Procedures:WEAR PROPER PROTECTIVE CLOTHING. AVOID CONTACT  
WITH MATERIAL. CONTAIN SPILL. VENTILATE AREA. ABSORB SPILL ON  
VERMICULITE OR OTHER ABSORBENT. PLACE RESIDUE IN A CONTAINER FOR  
LATER DISPOSAL.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY CLOSED IN A COOL, DRY, WELL-VENTILATED AREA.

Other Precautions:STORE IN A CORROSION-PROOF AREA.

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

Respiratory Protection:NONE NORMALLY REQUIRED.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION; MANUFACTURER RECOMMENDS 200 CFM.

Protective Gloves:RUBBER IF PROLONGED OR REPEATED CONTACT

Eye Protection:

SAFETY GLASSES IF SPLASHING LIKELY

Other Protective Equipment:APRON AND WORK BOOTS RECOMMENDED. HMIS:EYE WASH STATION IF SPLASHING LIKELY.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

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

HCC:C3

Boiling Pt:B.P. Text:221F,105C

Melt/Freeze Pt:M.P/F.P Text:32.0F,0.0C

Spec Gravity:1.13

Evaporation Rate & R

eference: