

MARCO CO -- MARCOLOY #1560 FLUX -- 3439-01-030-2413

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Product Identification
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Product ID:MARCOLOY #1560 FLUX

MSDS Date:12/15/1998

FSC:3439

NIIN:01-030-2413

Status Code:A

Kit Part:Y

MSDS Number: CLMFB

=== Responsible Party ===

Company Name:MARCO CO

Address:5722 UNION PACIFIC AVENUE

City:LOS ANGELES

State:CA

ZIP:90022-5135

Country:US

Info Phone Num:213-723-0711

Emergency Phone Num:(323) 72

3-0711

CAGE:55278

=== Contractor Identification ===

Company Name:MARCO CO

Address:5722 UNION PACIFIC AVENUE

Box:City:LOS ANGELES

State:CA

ZIP:90022-5135

Country:US

Phone:213-723-0711

Contract Num:SP0490-01-M-XK45

CAGE:55278

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Composition/Information on Ingredients
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Ingred Name:AMINOETHYLE THANOLAMINE

CAS:111-41-1

RTECS #:KJ6300000

Ingred Name:AMMONIUM FLUOBORATE

CAS:13826-83-0

RTECS #:BQ6100000

ACGIH TLV:2.5 MG/M3

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Na

me:HEAVY METAL FLUOBORATE
ACGIH TLV:2.5 MG/M3

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Hazards Identification
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LD50 LC50 Mixture:NO DATA PROVIDED BY MANUFACTURER
Health Hazards Acute and Chronic:INHALATION: FUMES, VAPORS, AND/OR
GASES FROM HEATED FLUX ARE IRRITATING TO RESPIRATORY TRACT; SKIN:
MAY CAUSE IRRITATION; EYES: WILL CAUSE IRRITATION.
Explanation of Carcinogenicity:NO DATA PROVIDED BY MANUFACTURER
Effects of Overexposure:INHALATION: FUMES, VAPORS, AND/OR GASES FROM
HEA
TED FLUX ARE IRRITATING TO RESPIRATORY TRACT; SKIN: MAY CAUSE
IRRITATION; EYES: WILL CAUSE IRRITATION.
Medical Cond Aggravated by Exposure:NO DATA PROVIDED BY MANUFACTURER

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First Aid Measures
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First Aid:SKIN CONTACT: PROMPTLY FLUSH WITH WATER. EYE CONTACT:
PROMPTLY FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point:=135.C, 275.F
Extinguishing Media:USE
DRY CHEMICAL FIRE EXTINGUISHER.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD BE EQUIPPED WITH NIOSH
APPROVED SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:WHEN EXPOSED TO HEAT AND/OR FIRE, AMINE
VAPORS AND FLUORIDES ARE PRODUCED. IN ADDITION, OTHER AIRBORNE
CONTAMINANTS SUCH AS NH3, AND OXIDES OF NITROGEN ARE PRODUCED.

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Accidental Release Measures
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Spill Release Procedures:CLEAN UP SPILLS WITH NON-ACID ABSORBANTS.
Neutral
izing Agent:NO DATA PROVIDED BY MANUFACTURER

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Handling and Storage
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Handling and Storage Precautions:STORE IN DRY AREA AT AMBIENT
TEMPERATURE.
Other Precautions:THE RESPIRATORY PROTECTION SHOULD BE BASED ON THE
ACTUAL OR POTENTIAL AIRBORNE CONTAMINANTS AND THEIR CONCENTRATION
PRESENT.

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Exposure Controls/Personal Protection
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Respiratory Protection:USE WELDERS RESPIRATORY PROTECTION EQUIPMENT.
Ventilation:USE

LOCAL EXHAUST. MECHANICAL (GENERAL):YES, IN
NON-VENTILATED AREA.

Protective Gloves:WELDERS PROTECTIVE GLOVES.

Eye Protection:WELDERS PROTECTIVE GOGGLES.

Other Protective Equipment:PROTECTIVE WELDERS CLOTHING.

Work Hygienic Practices:NO DATA PROVIDED BY MANUFACTURER

Supplemental Safety and Health

NO DATA PROVIDED BY MANUFACTURER

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

HCC:V5

Spec Gravity:1.38

Solubility in Water:(BOILING) 100

Appearance and Odor:VISCOUS AMBER L
LIQUID WITH STRONG AMMONIA ODOR.

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

Stability Indicator/Materials to Avoid:YES
WITH STRONG OXIDIZERS - CARBONIZES.

Stability Condition to Avoid:NO DATA PROVIDED BY MANUFACTURER

Hazardous Decomposition Products:AMINE VAPORS, FLUORIDES, OTHER
AIRBORNE CONTAMINANTS SUCH AS NH3 AND OXIDES OF NITROGEN ARE
PRODUCED.

Conditions to Avoid Polymerization:WILL NOT OCCUR. MILDLY CORROSIVE TO
STEEL.

===== Toxicological Information =====

Toxicological Information:NO DATA PROVIDED BY MANUFACTURER

===== Ecological Information =====

Ecological:NO DATA PROVIDED BY MANUFACTURER

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

Waste Disposal Methods:DISPOSE OF IN HEAVY PLASTIC BAGS OR SEALED DRUMS
AFTER ADDING 25% BY VOLUME LIME. DISPOSE OF IN SECURE LANDFILL NOT
CONSIDERED A HAZARDOUS WASTE. FLUSH AREA WITH WATER, DRAIN TO
TREATM

ENT PLANT OR A POND SYSTEM.

===== MSDS Transport Information =====

Transport Information:NO DATA PROVIDED BY MANUFACTURER

===== Regulatory Information =====

SARA Title III Information:NO DATA PROVIDED BY MANUFACTURER
Federal Regulatory Information:NO DATA PROVIDED BY MANUFACTURER
State Regulatory Information:NO DATA PROVIDED BY MANUFACTURER

===== Other Information =====

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