

WILLIAM DIXON CO-DIV GROBET FILE CO OF AMERICA -- BATTERNS FLUX P/N 54.402-1 --  
3439-00-255-4569

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

Product ID:BATTERNS FLUX P/N 54.402-1

MSDS Date:12/22/1986

FSC:3439

NIIN:00-255-4569

MSDS Number: BDPDG

=== Responsible Party ===

Company Name:WILLIAM DIXON CO-DIV GROBET FILE CO OF AMERICA

Address:750 WASHINGTON AVE

City:CARLSTADT

State:NJ

ZIP:07072

Country:US

Info

Phone Num:SAME

Emergency Phone Num:201-939-6700

CAGE:18037

=== Contractor Identification ===

Company Name:WILLIAM DIXON COMPANY

Address:750 WASHINGTON AVENUE

Box:City:CARLSTADT,BERGEN

State:NJ

ZIP:07072

Country:US

CAGE:18037

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

Ingred Name:SODIUM TETRABORATE, ANHYDROUS

CAS:1330-43-4

RTECS #:VZ2240000

OSHA PEL:10 MG/M3

ACGIH TLV:1 MG/M3; 9192

Ingred Name:AMMONIUM CHLORIDE (SARA III)

CAS:12125-02-9

RTECS #:BP4550000

OSHA PEL:10

MG/M3/20 STEL  
ACGIH TLV:10 MG/M3 FUME; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

=====  
Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:IRRITATION, BORATE POISONING IS  
POSSIBLE.  
Effects of Overexposure:EYE,SKIN:SLIGHT IRRITATION OR BURNING  
SENSATION. INHALATION: IRRITATION OF THE THROAT & NASAL MEMBRANES.  
INGESTION: NONE G  
IVEN BY MFR, BUT GI TRACT IRRITATION IS POSSIBLE.  
IF ABSORBED THROUGH SKIN, WO UNDS, OR BURN AREAS, NAUSEA, ABDOMINAL  
PAIN IS POSSIBLE.  
Medical Cond Aggravated by Exposure:ANY PREEXISTING ALLERGY,  
SENSITIVITY, OR ORGAN DYSFUNCTION.

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First Aid Measures  
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First Aid:EYE: FLUSH 15 MIN W/AMPLE COOL WATER. SKIN:WASH W/SOAP &  
WATER. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL  
RESPIRATION AS REQUIRED. INGESTION: INDUCE V  
OMITING. NOTHING BY  
MOUTH IF UNCO NSCIOUS.

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Fire Fighting Measures  
=====

Flash Point:NONE  
Extinguishing Media:NONE  
Fire Fighting Procedures:NONE

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Accidental Release Measures  
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Spill Release Procedures:CONFINE SPILLAGE-USE PROTECTIVE GLOVES AND  
COLLECT SPILL W/RAGS OR MOP. FLUSH REMAINDER TO DRAIN W/AMPLE RINSE  
WATER.

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Handling and Storage  
=====

Handling and Storag

e Precautions:DO NOT FREEZE. AVOID EYE-SKIN CONTACT.  
DO NOT INHALE OR INGEST.

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

Respiratory Protection:USE SUPPLIED AIR (SA) OR HIGH EFFICIENCY  
PARTICULATE (HIE) RESPIRATOR AS REQUIRED.  
Ventilation:LOCAL EXHAUST OR FUME HOOD.  
Protective Gloves:IMPERVIOUS AS REQUIRED.  
Eye Protection:SAFETY GLASSES OR GOGGLES AS REQUIRED.  
Other Protective Equipment:FULL BODY FUME/DUST PROTECTION-SLEEVES,CAP.  
Work Hygienic Practices:AVOID E  
YE-SKIN CONTACT. DO NOT INHALE OR  
INGEST.  
Supplemental Safety and Health

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

HCC:N1  
Boiling Pt:B.P. Text:212F/100C  
Melt/Freeze Pt:M.P/F.P Text:32F/0C  
Solubility in Water:COMPLETE  
Appearance and Odor:FAINT YELLOW LIQUID

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

Stability Indicator/Materials to Avoid:YES

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

Waste Disposal Methods:FOR  
SMALL AMOUNTS, DILUTE AND FLUSH TO SEWER OR  
LANDFILL IAW ALL LAWS & REGS.

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