

PHIPPS PRODUCTS CORP -- MORPHOLINE CLASS III (O-M-575) -- 6810-00-559-9889

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Product Identification  
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Product ID:MORPHOLINE CLASS III (O-M-575)

MSDS Date:01/01/1987

FSC:6810

NIIN:00-559-9889

MSDS Number: BFFMC

=== Responsible Party ===

Company Name:PHIPPS PRODUCTS CORP

Address:186 LINCOLN ST SUITE 502

City:BOSTON

State:MA

ZIP:02111-2403

Country:US

Emergency Phone Num:NONE

CAGE:86511

=== Co

ntractor Identification ===

Company Name:PHIPPS PRODUCTS CORP

Address:186 LINCOLN ST SUITE 502

Box:City:BOSTON

State:MA

ZIP:02111-2403

Country:US

Phone:OUT OF BUSINESS

CAGE:86511

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Composition/Information on Ingredients  
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Ingred Name:MORPHOLINE

CAS:110-91-8

RTECS #:QD6475000

= Wt:40.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S,20 PPM/30 STEL

ACGIH TLV:S, 20 PPM; 9192

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Hazards Identification  
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LD50 LC50 Mixture:ORAL LD50 (R)

AT) IS 1050 MG/KG.

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES

Health Hazards Acute and Chronic: ACUTE: EYES: SEVERE IRRITATION. SKIN: IRRITATION OR CHEMICAL BURNS UPON PROLONGED CONTACT. INHALATION: IRRITATION OF RESPIRATORY TRACT. INGESTION: MODERATELY TOXIC. CHRONIC: CHEMICAL BURNS UPON PROLONGED CONTACT.

Explanation of Carcinogenicity: NONE

Effects of Overexposure: EYES: SEVERE IRRITATION. SKIN: IRRITATION, CHEMICAL BURNS. INHALATION: RESPIRATORY TRACT IRRITATION. INGESTION: MODERATELY TOXIC.

Medical Cond Aggravated by Exposure: PRE-EXISTING DISEASES INVOLVING THE SKIN, RESPIRATORY SYSTEM.

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

First Aid: EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. INHALATION: MOVE TO FRESH AIR IF IRRITATION OCCURS. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point: 190F, 88C

Extinguishing Media: WATER FOG, CARBON DIOXIDE, FOAM.

Fire Fighting Procedures: WEAR FULL PROTECTIVE CLOTHING WITH SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard: KEEP CONTAINER TIGHTLY CLOSED. CLOSED CONTAINERS MAY EXPLODE IF EXPOSED TO EXTREME HEAT.

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

Spill Release Procedures: VENTILATE AREA WELL. CONTAIN SPILL OR ABSORB IN SUITABLE ABSORBENT, THEN DISPOSE OF IN SUITABLE MANNER.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions: STORE IN WELL VENTILATED AREA AWAY FROM IGNITION SOURCES, OXIDIZERS, ACIDS.

Other Precautions: AVOID BREATHING OF VAPORS AND CONTACT WITH EYES AND SKIN.

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

Respiratory Protection: SELF CONTAINED BREATHING APPARATUS, FULL FACE MASK, ORGANIC CARTRIDGE

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Ventilation:SUFFICIENT TO CONTROL VAPORS TO TLV,AS NEEDED.

Protective Gloves:BUTYL RUBBER

Eye Protection:GOGGLES

Other Protective Equipment:PLASTIC OVERALL,RUBBER APRON,BOOTS.EYE  
FOUNTAIN AND SHOWER

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING,  
DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

NONE

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

HCC:B2

Boiling Pt:=93.3C, 200.F

Vapor Pres:25

Vapor Den

sity:1

Spec Gravity:1.0

pH:10-12

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS,AMMONIACAL ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

ACIDS AND OXIDIZING MATERIALS.

Stability Condition to Avoid:ISOLATE FROM HEAT AND OPEN FLAMES.

Hazardous Decomposition Products:CO,CO\*2,NITROGEN OXIDES FROM BURNING

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

Waste Dispos

al Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE  
AND FEDERAL REGULATIONS. IF PERMITTED, DISPOSE OF BY BIOLOGICAL  
METHODS OR INCINERATION.

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