

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

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Contractor 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

(RAT) 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 Conditions Aggravated by Exposure: PRE-EXISTING DISEASES INVOLVING THE SKIN, RESPIRATORY SYSTEM.

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

STER
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
Density: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 Dis
posal 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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