

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

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

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

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

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

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.

===== 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.

===== 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.

===== 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.

===== 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.

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

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

R

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. LAUNDER 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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