

SIGMA CHEMICAL COMPANY -- TEST KIT,O-PHENYLENEDIAMINE DIHYDROCHLORIDE --
6560-01-249-8888

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

Product ID:TEST KIT,O-PHENYLENEDIAMINE DIHYDROCHLORIDE

MSDS Date:10/21/1988

FSC:6560

NIIN:01-249-8888

MSDS Number: BKMJH

=== Responsible Party ===

Company Name:SIGMA CHEMICAL COMPANY

Box:14508

City:ST. LOUIS

State:MO

ZIP:63178

Info Phone Num:800-325-8070

Emergency Phone Num:

314-771-5765

CAGE:21076

=== Contractor Identification ===

Company Name:ABBOTT LABORATORIES PHARMACEUTICAL PRODUCTS DIV

Address:200 ABBOTT PARK RD

Box:City:NORTH CHICAGO

State:IL

ZIP:60064-3500

Country:US

Phone:847-935-7155

CAGE:70048

Company Name:SIGMA CHEMICAL COMPANY

Address:3050 SPRUCE ST

Box:14508

City:ST LOUIS

State:MO

ZIP:63178

Country:US

Phone:314-771-5765

CAGE:21076

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

Ingred Name:O-PHENYLENEDIAMINE DIHYDROCHLORIDE

CAS:6

15-28-1
RTECS #:ST0175000
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Explanation of Carcinogenicity:MANUFACTURER STATES O-PHENYLDIAMINE
DIHYDROCHLORIDE IS A CARCINOGEN, HOWEVER, IT IS NOT LISTED BY OSHA,
NTP OR IARC.
Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION, ALLERGIC
SENSITIZATION. INHALATION:IRRITA
TION OF MUCOUS MEMBRANES AND UPPER
RESPIRATORY TRACT. INGESTION: HARMFUL IF SWALLOWED.
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH A HISTORY OF
RESPIRATORY OR SKIN CONDITIONS MAY BE AT INCREASED RISK.

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

First Aid:EYES: FLUSH WITH PLENTY OF WATER. IF IRRITATION PERSISTS,SEE
DOCTOR. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND
WATER. IF IRRITATION PERSISTS SEE DOCTOR. INHALATION: REMOVE TO
F
RESH AIR.GI VE CPR/OXYGEN IF NEEDED. SEE DOCTOR. INGESTION: DRINK
LARGE AMOUNT OF WATER,INDUCE VOMIT. SEE DOCTOR.

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

Extinguishing Media:USE WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL
POWDER, ALCOHOL OR POLYMER FOAM.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL
FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosi
on Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS. PREVENT CONTACT WITH
SKIN AND EYES.

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

Spill Release Procedures:VENTILATE. WEAR PROTECTIVE CLOTHING. CLEAN UP
USING METHODS THAT AVOID DUST GENERATION AND PLACE IN APPROPRIATE
DISPOSAL CONTAINER AND COVER. IF DUST IS GENERATED USE NIOSH/MSHA
APPROVED RESPIRATOR WIT H DUST CARTRIDGE.

===== Handling and

Storage =====

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA. AVOID ANY PHYSICAL CONTACT. KEEP CONTAINERS TIGHTLY CLOSED. USE ONLY IN A CHEMICAL FUME HOOD.

Other Precautions:PERIODIC MEDICAL EXAMINATIONS ARE RECOMMENDED FOR INDIVIDUALS REGULARLY EXPOSED TO DUST OR MIST.

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

Respiratory Protection:USE NIOSH/MSHA-APPROVED RESPIRATOR WITH DUST CARTRIDGE IF TLV IS EXCEEDED

Ventilation:LOCAL EXHAUST TO MAINTAIN EXPOSURE LEVEL BELOW TLV.

Protective Gloves:PROTECTIVE GLOVES OR BARRIER CREAM.

Eye Protection:SAFETY GLASSES W/SIDE SHIELD OR GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING, EYE WASH AND SAFETY SHOWER.

Work Hygienic Practices:AVOID ALL CONTACT. DO NOT BREATHE DUST. WASH THOROUGHLY AFTER HANDLING. DO NOT SHAKE CLOTHING. REMOVE DUST BY WASHING.

Supplemental Safety and Health

KEY1:T4. THIS IS PART A OF A 3-PART KIT. FOR PART B, SEE SAME NSN, CAGE

2L859, PNI A. FOR PART C, SEE SAME NSN, CAGE 60928, PNI A.

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

HCC:C1

Melt/Freeze Pt:M.P/F.P Text:496F,258C

Appearance and Odor:SOLID

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES, HYDROGEN CHLORIDE GAS.

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

Waste Disposal Methods:NOTIFY YOUR LOCAL ENVIRONMENTAL OFFICER. DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER. OBSERVE ALL APPLICABLE LO CAL, STATE AND FEDERAL REGULATIONS.

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