

PMC INC, PMC SPECIALTIES GROUP DIV -- COBRATE 99 POWDER -- 6810-01-095-2465

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

Product ID:COBRATE 99 POWDER

MSDS Date:06/11/1991

FSC:6810

NIIN:01-095-2465

MSDS Number: BMZJZ

=== Responsible Party ===

Company Name:PMC INC, PMC SPECIALTIES GROUP DIV

Address:501 MURRAY RD

City:CINCINNATI

State:OH

ZIP:45217

Country:US

Info Phone Num:513-242-3300

Emergency Phone Num:513-

242-3300

CAGE:0T805

=== Contractor Identification ===

Company Name:PMC INC, PMC SPECIALTIES GROUP DIV

Address:501 MURRAY RD

Box:City:CINCINNATI

State:OH

ZIP:45217

Country:US

Phone:513-242-3300

CAGE:0T805

Company Name:SHERWIN-WILLIAMS CO THE

Address:101 PROSPECT AVE NW

Box:City:CLEVELAND

State:OH

ZIP:44115-1042

Country:US

Phone:800-251-2486/216-566-2242

CAGE:54636

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

Ingred Name:BENZOTRIAZOLE

CAS:95-14-7

RTECS #:DM1225000

Fractio

n by Wt: 99%
Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 560 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:DETAILED INFORMATION ABOUT THE EFFECTS OF OVEREXPOSURE IN THE HUMAN BEING IS UNAVAILABLE. EXPERIRNCE THUS FAR HAS NOT PROVIDED ANY EXAMPLE OF OBVIOUS OVEREXPOSURE WITH RESULTANT SYMP
TOMS. ANIMAL STUDI ES HAVE INDICATED AN EFFECT ON THE CENTRAL NERVOUS SYSTEM.
Explanation of Carcinogenicity:AN NCI BIOASSAY SHOWED NO CONVINCING EVIDENCE OF CARCINOGENCITY (NCI-CG-TR-88).
Effects of Overexposure:CONTACT WITH THE EYES IS LIKELY TO CAUSE SEVERE IRRITATION.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALED-IF AFFECTED, REMOVE FROM EXPOSURE. RESTORE BREATHING.

KEEP WARM & QUIET. SKIN-WASH AFFECTED AREA THOROUGHLY WITH SOAP & WATER. EYES-FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR 15 MIN. GET MEDIC AL ATTENTION. SWALLOWED-GIVE SEVERAL GLASSES OF WATER. IF VOMITING IS NOT SPONTANEOUS, INDUCE VOMITING BY TOUCHING THE BACK OF PATIENT'S THROAT WITH FINGER. KEEP AIRWAY CLEAR. SEEK MEDICAL ATTENTION.

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

Flash Point Method:CC
Flash Point:340F,171C
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.
Fire Fighting Procedures:FULL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS SHOULD BE USED. WATER SPRAY MAY BE INEFFECTIVE. IF WATER IS USED, FOG NOZZLE ARE PREFERED
Unusual Fire/Explosion Hazard:AIRBORNE DUST IS RATED A SEVERE EXPLOSION HAZARD AT A MINIMUM CONCENTRATION OF 0.03 OUNCE PER CUBIC FEET.

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

Spill Release Procedures:IF LOCAL HIGH CONCENTRATION OF AIRBORNE D

UST

OCCURS, DAMPEN SPILL WITH WATER & VENTILATE TO DISPERSE DUST LADEN AIR. SWEEP UP SPILL & RECLAIM OR PLACE IN A COVERED WASTE DISPOSAL CONTAINER.

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

Handling and Storage Precautions:STORE IN A COOL DRY AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. AVOID CREATING AIRBORNE DUST CONCENTRATIONS WHICH CAN CAUSE AN EXPLOSION.

Other Precautions:AVOID CONTACT WITH SKIN, EYE AND CLOTHING. AVOID INHALATION OF DUST AND VAPOR. DO NOT TAKE INTERNALLY. CLEAN UP SPILL IMMEDIATELY.

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

Respiratory Protection:IF PERSONAL EXPOSURE CANNOT BE CONTROLLED BELOW APPLICABLE EXPOSURE LIMITS BY VENTILATION, WEAR RESPIRATORY DEVICES APPROVED BY NIOSH/MSHA FOR PROTECTION AGAINST ORGANIC VAPORS, DUST AND MISTS.

Ventilation:LOCAL EXHAUST RECOMMENDED FOR DUST CONTROL.

Protective Gloves:RUBBER, VINYL GLOVES RECOMMENDED

Eye Protection:USE SAFETY GOGGLES

Other Protective Equipment:SAFETY SHOWER, EYE WASH.

Work Hygienic Practices:AVOID INHALATION OF DUST AND VAPORS.

Supplemental Safety and Health
NONE

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

HCC:N1

Boiling Pt:B.P. Text:662F,350C

Melt/Freeze Pt:M.P/F.P Text:94-99C

Vapor Pres:0.04 MM

Vapor Density:4.1

Spec Gravity:1.36 SOLID

Evaporation Rate & Reference:NON-VOLATILE

Solubility in Water:2.0%

Appearance and Odor:OFF WHITE POWDER. SLIGHT CHARACTERISTI

C ODOR.

Percent Volatiles by Volume:NONE

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:BY FIRE: CARBON DIOXIDE, CARBON MONOXIDE, NITROGEN OXIDES, HCN IN REDUCING ATMOSPHERES.

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

Waste Disposal Methods:SANITARY LANDFILL OR INCINERATE IN APPROVED
F

ACILITIESIN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS
REGARDING POLLUTION. DO NOT HEAT OR INCINERATE IN CLOSED
CONTAINERS.

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