

PRC-DESOTO INTERNATIONAL, INC. A PPG INDUSTRIES COMPANY -- MANGANESE DIOXIDE  
DISPERSION PR-1448 B-2 ACCELERATOR -- 8030-01-387-1127

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Product Identification  
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Product ID:MANGANESE DIOXIDE DISPERSION PR-1448 B-2 ACCELERATOR

MSDS Date:11/30/1998

FSC:8030

NIIN:01-387-1127

Status Code:A

MSDS Number: CLRVY

=== Responsible Party ===

Company Name:PRC-DESOTO INTERNATIONAL, INC. A PPG INDUSTRIES C  
OMPANY

Address:5430 SAN FERNANDO RD

Box:1800

City:GLENDALE

State:CA

ZIP:91209

Country:US

Info Phone Num:818-240-2060

Emergency Phone Num:(800)424-9300

Preparer's Name:HENRY SIMMONS

Chemtrec Ind/Phone:(800)424-9300

CAGE:83574

=== Contractor Identification ===

Company Name:PRC-DESOTO INTERNATIONAL, INC. A PPG INDUSTRIES COMPANY

Address:5430 SAN FERNANDO RD

Box:1800

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CAGE:83574

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Composition/Information on Ingredients  
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Ingred Name:TALC

CAS:14807-96-6

RTECS #:WW2710000

&lt; Wt:5.

OSHA PEL:SEE TABLE Z-3

ACGIH TLV:2 MG/M3

Ingred Name:MANGANESE DIOXIDE

CAS:1313-13-9

RTECS #:OP0350000

= Wt:55.

OSHA PEL:C5 MG/M3

ACGIH TLV:5 MG/M3

Ingred Name:DIPHENYLGUANIDINE

CAS:102-06-7

RTECS #:MF0875000

&lt; Wt:5.

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===== Hazards Identification =====  
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Reports of Carcinogenicity:NTP:UNKNOWN IARC:YES

Health Hazards Acute and Chronic:MANGANESE DIOXIDE INGESTION: CAN BE ABSORBED THROUGH DIGESTIVE SYSTEM AND RESULT IN APATHY, INSOMIA, WEAKNESS IN LEGS, MUSCULAR TWICHING, EMOTIONAL DISTRESS. DIPHENYL GUANIDINE EYE: SEVERLY IRRITATING. SKIN: TOXIC BY SKIN ABSORPTION. MAY BE A SENSITIZER. INHALATION: AIRBORNE MATERIAL MAY PRODUCE IRRITATION, AND MAY

BE ABSORBED THROUGH THE LUNGS. INGESTION: TOXIC ON ORAL CONSUMPTION. BASED ON INCLUSIVE STUDIES, REPRODUCTIVE EFFECTS HAVE BEEN REPORTED.

Explanation of Carcinogenicity:CARBON BLACK CONTAINS SMALL AMOUNTS OF TIGHTLY ADSORBED POLYAROMATIC HYDROCARBONS, WHICH ARE CLASSIFIED BY IARC AS CARCINOGENIC. THE POLYAROMATIC HYDROCARBONS ARE NOT NORMALLY AN EXPOSURE RISK WHEN HANDLING CARBON BLACK CONTAINING PRODUCTS; HOWEVER, THERE MAY BE EXTRACTED BY AROMATIC SOLVENTS THEREF

ORE IN PRODUCTS ALSO CONTAINING AROMATIC SOLVENTS.

Effects of Overexposure:HYDROGENATED TERPHENYL EYES: IRRITATING SKIN: PROLONGED SOAKING OF SKIN IN HYDROGENATED TERPHENYL MAY PRODUCE DERMAL IRRITATION. INHALATION: MAY CAUSE DIZZINESS, DROWSINESS, AND FATIGUE. DUE TO VERY LOW VOLATILITY OF THIS INGREDIENT, INHALATION EXPOSURE IS UNLIKELY UNDER NORMAL CONDITION OF USE. INGESTION: PRACTICALLY NON-TOXIC. MANGANESE DIOXIDE EYE: HIGH CONCENTRATION OF DUST MAY CAUSE IRRITATION.

SKIN: MAY CAUSE IRRITATION ON MOIST SKIN. INHALATION: DUST MAY PRODUCE MANGANESE PNEUMONITIS. OVEREXPOSURE TO MANGANESE DIOXIDE MAY PRODUCE MANGANESE POISONING WHICH IS UNLIKELY IN THE NORMAL WORKPLACE SETTING.

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===== First Aid Measures =====  
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First Aid:EYES: FLUSH WITH WARM WATER FOR 15 MINUTES. IF SYMPTOMS PERSISTS, CONSULT A PHYSICIAN. SKIN: WASH WITH SOAP AND WATER. IF SYMPTOMS PERSISTS, CONSULT A PHYSICIAN. INHALATION: REMOVE TO FRESH AIR. IF SYMPTOMS ARE PRESENT, CONSULT A PHYSICIAN. INGESTION: CONSULT A PHYSICIAN.

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===== Fire Fighting Measures =====  
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Flash Point:>93.3C, 200.F

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG

Fire Fighting Procedures:USE AIR SUPPLIED RESPIRATOR .USE WATER TO COOL HEAT EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:EXCESSIVE HEAT MAY CAUSE DECOMPOSITION OF MANGANESE DIOXIDE, RESULTING IN OXIDATION AND POSSIBLE IG

NITION OF  
HYDROCARBON VEHICLE.

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

Spill Release Procedures:SCOOP INTO CONTAINERS. CLEAN UP RESIDUE WITH A  
SUITABLE SOLVENT.

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

Handling and Storage Precautions:WASH THOROUGHLY AFTER HANDLING AND  
BEFORE SMOKING OR EATING. AVOID INGESTION

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

Respiratory Protection:NOT REQUIRED

Ventilation

:GENERAL VENTILATION

Protective Gloves:SOLVENT RESITANT GLOVES

Eye Protection:SAFETY GLASSES

Other Protective Equipment:NONE KNOWN

Supplemental Safety and Health

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

Boiling Pt:=340.C, 644.F

Vapor Density:N VOLATILE

Spec Gravity:1.97

Evaporation Rate & Reference:NON VOLATILE

Appearance and Odor:BLACK PASTE

Percent Volatiles by Volume:0 %

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

Stability Indicator

/Materials to Avoid:YES

EASILY OXIDIZABLE MATERIALS.

Stability Condition to Avoid:NOT KNOWN

Hazardous Decomposition Products:OXIDES OF CARBON, SULFUR DIOXIDE, ALSO  
OXIDES OF SILICON MAY BE EVOLVED.

===== Toxicological Information =====

Toxicological Information:SIGNIFIGANT LABORATORY DATA WITH POSSIBLE  
RELEVANCE TO HUMAN HEALTH HAZARDS: ETHYLENE GLYCOL HAS BEEN SHOWN  
TO PRODUCE DOSE-RELATED TERATOGENIC EFFECTS IN RATS AND MICE WHEN  
GIVEN BY GAVAGE O

R DRINKING WATER AT HIGH DOSES/CONCENTRATIONS.  
THE MAJOR ROUTE FOR PRODUCING DEVELOPMENTAL TOXICITY IS  
PERORALLY. THE ABSENCE OF CARCINOGENIC POTENTIAL FOR ETHYLENE  
GLYCOL HAS BEEN SUPPORTED BY NUMEROUS IN-VITRO GENOTOXICITY  
STUDIES SHOWING THAT IT DOES NOT PRODUCE MUTAGENIC OR CLASTOGENIC  
EFFECTS.

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Ecological Information  
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Ecological:NO DATA PROVIDED BY MANUFACTURER

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Disposal Considerations  
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Waste Disposal Methods:NOT A HAZARDOUS WASTE ACCORDING TO EPA  
REGULATIONS. CONSULT STATE REGULATIONS PRIOR TO DISPOSAL OF  
SPILLAGE.

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MSDS Transport Information  
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Transport Information:HAZARDOUS MATERIAL DESCRIPTION AND PROPER  
SHIPPING NAME: NOT REGULATED. TECHNICAL NAME: NOT REGULATED. HAZARD  
CLASS: NOT REGULATED. IDENTIFICATION NUMBER: NOT REGULATED.  
LABEL(S) REQUIRED: NOT REGULATED.

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Regulatory Information  
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SARA Title III Information:EMERGENCY PLANNING AND  
COMMUNITY-RIGHT-TO-KNOW INFORMATION: THIS PRODUCT CONTAINS THE  
FOLLOWING CHEMICALS SUBJECT TO SARA TITLE III, SECTION 313  
REPORTING: ETHYLENE GLYCOL, CAS# 107-21-1, 10-20%. PHOSPHORIC  
ACID, CAS# 7664-38-2, 3-7%.

Federal Regulatory Information:NO DATA PROVIDED BY MANUFACTURER  
State Regulatory Information:CALIFORNIA PROPOSITION 65: THIS PRODUCT  
CONTAINS TRACE LEVELS OF CHEMICALS WHICH THE STATE  
OF CALIFORNIA  
HAS FOUND TO CAUSE CANCER AND/OR BIRTH DEFECTS OR OTHER  
REPRODUCTIVE HARM.

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Other Information  
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