

W R GRACE & CO. -- 1-050-58-0202 SILICA GEL -- 6850-01-054-8898

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Product Identification
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Product ID:1-050-58-0202 SILICA GEL

MSDS Date:01/01/1990

FSC:6850

NIIN:01-054-8898

MSDS Number: BWZQR

=== Responsible Party ===

Company Name:W R GRACE & CO.

Address:10 E BALTIMORE STREET

Box:2117

City:BALTIMORE

State:MD

ZIP:21202-1630

Country:US

Info Phone Num:301-659-9000

Emergency Phone Num:301-87

4-2009:301-659-9058

Preparer's Name:DAVISON CHEMICAL DIVISION

CAGE:16210

=== Contractor Identification ===

Company Name:AIR PRODUCTS AND CHEMICALS INC

Address:7201 HAMILTON BLVD

Box:City:ALLENTOWN

State:PA

ZIP:18195-1501

Country:US

Phone:800-345-3148/ 800-752-1597

CAGE:00742

Company Name:HENDERSON SALES AND SERVICE INC

Box:830876

City:RICHARDSON

State:TX

ZIP:75083

Country:US

CAGE:62618

Company Name:SUD-CHEMIE INC/SUB CHEMIE PERFORMANCE PACKAGING DIV

Address:926 SOUTH 8TH ST (FORMALLY HUMIDIAL)

B

ox:610
City:COLTON
State:CA
ZIP:92324-0610
Country:US
Phone:909-825-1793
CAGE:00334
Company Name:W R GRACE & CO. DAVISON CHEMICAL DIVISION
Address:10 E BALTIMORE STREET
Box:2117
City:BALTIMORE
State:MD
ZIP:21202-1630
Country:US
Phone:410-659-9000
CAGE:16210

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Composition/Information on Ingredients
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Ingred Name:AMORPHOUS SILICA (SILICA GEL)
CAS:63231-67-4
RTECS #:VV7322000
Fraction by Wt: 100%
Other REC Limits:NONE SPECIFIED
OSHA PEL:6 MG/M3
ACGIH TLV:10 MG/M3

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Hazards Identification
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LD50 LC50 Mixture:ORAL LD50 (RAT) IS > 31600 MG/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EXPOSURE MAY CAUSE IRRITATION OF THE
SKIN AND MUCOUS MEMBRANE OF NOSE AND THROAT DUE TO DRYING ACTION.
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GREATER IS LISTED AS A CARCINOGEN OR SUEPECTED CARCINOGEN.

Effects of Overexposure:SKIN-IRRITATION. INHALED-IRRITATION OF MUCOUS
MEMBRANES OF NOSE AND THROAT.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures
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First Aid:EYES-IMMEDIATELY FLUSH WITH LOTS OF WATER FOR 15 MINUTES. SEE
DOCTOR IF SYMPTOMS PERSIST. SKIN-WASH WITH SOAP & WATER.
INHALED-REMOVE TO FRESH AIR. INGESTION-MATERIAL WILL PASS THROUGH
THE BODY NORMAL LY.

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Fire

Fighting Measures =====

Extinguishing Media: MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures: DLA-HMIS: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard: NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures: SWEEP OR VACUUM UP OR FLUSH TO SEWER.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =

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Handling and Storage Precautions: KEEP TIGHTLY SEALED TO PROTECT QUALITY.

Other Precautions: WHEN POURING INTO A CONTAINER OF FLAMMABLE LIQUID, GROUND AND BOND BOTH CONTAINERS ELECTRICALLY TO PREVENT A STATIC ELECTRIC SPARK.

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

Respiratory Protection: IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR OR AN AIR-SUPPLIED RESPIRATOR

OR SCBA, AS REQUIRED. USE IN ACCORDANCE WITH 29 CFR 1910.134 AND MANUFACTURER'S RECOMMENDATIONS.

Ventilation: NONE SPECIFIED BY MANUFACTURER.

Protective Gloves: CLOSE WEAVE COTTON GLOVES.

Eye Protection: SAFETY GLASSES W/SIDE SHIELDS

Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER. DLA-HMIS: EYE WASH STATION.

Work Hygienic Practices: DLA-HMIS: WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

MSDS PROVIDED TO DGSC FOR CONTRACT SP0450-95-M-PP26 BY CAGE 00334.

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

HCC: N1

Spec Gravity: 2.1

Solubility in Water: INSOLUBLE

Appearance and Odor: DRY WHITE GRANULES, FINE SIZED; ODORLESS.

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

Stability Indicator/Materials to Avoid: YES HYDROGEN FLUORIDE.

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: NONE SPECIFIED

FIED BY MANUFACTURER.

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

Waste Disposal Methods:DISPOSE IN AN APPROVED LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. COVER PROMPTLY TO AVOID BLOWING OF DUST.

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