

W R GRACE & CO. DAVISON CHEMICAL DIVISION -- SILICA GEL -- 6850-01-036-9625

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

Product ID:SILICA GEL

MSDS Date:06/15/1995

FSC:6850

NIIN:01-036-9625

MSDS Number: CFKSC

=== Responsible Party ===

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

Info Phone Num:410-659-9000

Eme

rgency Phone Num:410-659-9058/301-874-2009(J.CONVEY)

CAGE:16210

=== Contractor Identification ===

Company Name:DRESSER INDUSTRIES, INSTRUMENT DIV.

Address:250 E MAINT ST

Box:City:STRATFORD

State:CT

ZIP:06497-5145

Country:US

Phone:203-385-0472

CAGE:38056

Company Name:GRACE W R AND CO

Address:919 18TH ST NW

City:WASHINGTON

State:DC

ZIP:20006

Country:US

Phone:410-659-9000

CAGE:0NAV2

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

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

Ingred Name:AMORPHOUS SILICA GEL (FORMERLY CAS # 63231-67-4)
CAS:112926-00-8
RTECS #:VV7322000
Fraction by Wt: 99.0%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSH
A:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, RESPIRATORY
TRACT. ACUTE- CONSIDERED TO BE A NUISSANCE DUST. HAS LOW POTENTIAL
FOR ADVERSE HEALTH EFFECTS. EYES/SKIN:MAY CAUSE MECHANICAL
IRRITATION. INHALE:DUSTS MAY CAUSE RE SPIRATORY TRACT IRRITATION.
ORAL:LOW TOXICITY. CHRONIC- UNKNOWN.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, COUGH, TEARING, REDNESS
Medical Cond Aggravated by Exposure:NONE

=====
First Aid Measure
=====

S =====

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:MOVE TO FRESH
AIR. EYES:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN.
SKIN:FLUSH WITH PLENTY OF WATER. ORAL:RINSE OUT MOUTH WITH WATER.
MATERIAL WIL L PASS THROUGH BODY NORMALLY.

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

Flash Point:NONE
Lower Limits:NOT RELEVANT
Upper Limits:NOT RELEVANT
Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL
FOR S

URROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED
CONTAINERS.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. CAREFULLY SWEEP OR
VACUUM THE SPILL AREA. COLLECT AND PLACE THE SPILLED MATERIAL IN A
WASTE DISPOSAL CONTAINER. AVOID DUSTING.

Neutralizing Agent:NOT RELEVA
NT

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

Handling and Storage Precautions:STORE IN DRY PLACE, IN TIGHTLY CLOSED
CONTAINER, AWAY FROM HYDROFLUORIC ACID. KEEP OUT OF REACH OF
CHILDREN.

Other Precautions:WEAR GOGGLES IF DUST CAUSES EYE DISCOMFORT. WEAR A
PROPERLY FITTED NIOSH-APPROVED DUST RESPIRATOR FOR DUSTY
CONDITIONS. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER
HANDLING. AVOID CONTACT WIT H EYES AND SKIN. AVOID INHALING DUST.

=====

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

Respiratory Protection:IF ENGINEERING CONTROLS ARE INADEQUATE TO
CONTROL DUST CONCENTRATIONS TO AN ACCEPTABLE LEVEL, A
NIOSH-APPROVED DUST RESPIRATOR SHOULD BE WORN. IF RESPIRATORS ARE
USED, A PROGRAM SHOULD BE INSTITUTED T O COMPLY WITH OSHA 29CFR
1910.134.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP DUST
LEVELS AS LOW AS POSSIBLE.

Protective Gloves:COTTON/RUBBER/LATEX RECOMMENDED

Eye Protection:S

AFETY GOGGLES FOR DUSTY CONDITIONS

Other Protective Equipment:LONG SLEEVE WORK CLOTHING, EYE WASH FOUNTAIN

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING,
DRINKING/SMOKING.

Supplemental Safety and Health

PERCENTAGE DIFFERENT. PH IN 5% SLURRY: 3.5 - 8.5, PER MSDS.

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

HCC:V7

NRC/State Lic Num:NOT RELEVANT

Spec Gravity:2.1

Viscosity:NOT RELEVANT

Ev

aporation Rate & Reference:NOT RELEVANT
Solubility in Water:INSOLUBLE
Appearance and Odor:DRY WHITE GRANULES, POWDER OR BEADS

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

Stability Indicator/Materials to Avoid:YES
HYDROFLUORIC ACID
Stability Condition to Avoid:NONE

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

Waste Disposal Methods:LANDFILL IN ACCEPTABLE MANNER, IN FULL
COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. REUSING OR
RECYCLING IS RECOMMENDED.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information t
o their
particular situation.