

W R GRACE & CO. DAVISON CHEMICAL DIVISION -- SILICA GEL -- 6850-01-209-4437

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

Product ID:SILICA GEL

MSDS Date:10/01/1992

FSC:6850

NIIN:01-209-4437

MSDS Number: BSDGQ

=== 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:301-659-9000

Eme

rgency Phone Num:301-659-9058(O)/301-874-2009(H)

Preparer's Name:J.H.CONVEY

CAGE:16210

=== Contractor Identification ===

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:SILICA GEL

CAS:63231-67-4

RTECS #:VV7322000

Other REC Limits:NONE SPECIFIED

OSHA PEL:6 MG/M3

ACGIH TLV:10 MG/M3

Ingred Na

me:WATER (MOISTURE)
CAS:7732-18-5
RTECS #:ZC0110000
Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS EST.> 31,600 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:THE DRYING ACTION OF THIS MATERIAL CAN
CAUSE IRRITATION OF THE MUCOUS MEMBRANES OF THE NOSE AND THROAT &
IRRITATION OF THE SKIN. SILICA GEL
IS A SYNTHETIC AMORPHOUS SILICA
NOT TO BE CONFUSED WITH CRYSTALLINE SILICA.EPIDEMIOLOGICAL STUDIES
INDICATE LOW POTENTIAL FOR ADVERSE HEALTH EFFECT.
Effects of Overexposure:IRRITANT TO NOSE, THROAT & SKIN. INHALATION
TOXICITY IS LOW. DO NOT INHALE DUST.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE:IMMEDIATELY WASH FROM EYES WITH LARGE AMOUNTS OF WATER,
OCCASIONALLY LIFTING
UPPER & LOWER EYE LIDS. IF IRRITATION OCCURS &
PERSISTS, SEEK MEDICAL ATTENTION. SKIN:WASH WITH SOAP & WATER.
INGEST:MATERIAL WILL PASS THROUGH BODY NORMALLY.INHALE:REMOVE TO
FRESH AIR.

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

Flash Point:NON-FLAMMABLE
Extinguishing Media:NONE SPECIFIED BY MANUFACTURER.
Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.
Unusual Fire/Explosion Hazard:NON-FLAMMABLE.

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

Spill Release Procedures:SWEEP UP OR VACUUM UP OR FLUSH TO SEWER.
Neutralizing Agent:NONE

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

Handling and Storage Precautions:KEEP TIGHTLY SEALED TO PROTECT
QUALITY.
Other Precautions:NOT KNOWN TO HAVE ANY ADVERSE EFFECTS ON THE AQUATIC
ENVIRONMENT. IT IS INSOLUBLE AND NON-TOXIC.

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

Respiratory Protection:IF DUSTY CONDITIONS PREVAIL, U

SE OF AN APPROVED

NIOSH/MSHA DUST MASK IS RECOMMENDED.

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:LONG SLEEVE & CLOSE-WEAVE COTTON GLOVES.

Eye Protection:NONE SPECIFIED BY MANUFACTURER.

Other Protective Equipment:TIGHT FITTING WRISTLETS.

Work Hygienic Practices:WASH AFTER HANDLING.

Supplemental Safety and Health

NONE.

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

HCC:N1

Spec Gravity:2.1

pH:3-8

Solubility in Water:INSOLUBLE

Appearance and Odor:DRY W

HITE GRANULES, BEADS OR POWDER. NO ODOR.

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

Stability Indicator/Materials to Avoid:YES

REACTS WITH HF (HYDROGEN FLUORIDE).

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:DISPOSE IN AN APPROVED LANDFILL ACCORDING TO
FEDERAL, STATE AND LOCAL REGULATIONS. COVE
R PROMPTLY TO AVOID
BLOWING OF DUST.

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 thi

s information to their
particular situation.