

===== 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

Emergency 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 Name:WATER (MOISTURE)

CAS:7732-18-5

RTECS #:ZC0110000

Other REC Li

mits: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, USE OF AN APPROVED
NIOSH/MSHA DUST MASK IS RECOMMENDED.
Ventilation

lation: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 WHITE GRANULES, BEADS OR POWDER. NO ODOR.

===== Sta
bility 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. COVER PROMPTLY TO AVOID
BLOWING OF DUST.

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