

W R GRACE & CO. DAVISON CHEMICAL DIVISION -- 51026 PROTECK-SORB PACKAGED
ADSORBENTS -- 6850-00-194-3291

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

Product ID:51026 PROTECK-SORB PACKAGED ADSORBENTS

MSDS Date:06/15/1995

FSC:6850

NIIN:00-194-3291

MSDS Number: CCHRH

=== 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;301-659-9058

Emergency Phone Num:301-659-9000;301-874-2009

CAGE:16210

=== Contractor Identification ===

Company Name:DAVISON CHEMICAL DIVISION OF WR GRACE & COMPANY

Address:5500 CHEMICAL RD

Box:City:BALTIMORE

State:MD

ZIP:21226-1698

Country:US

Phone:410-354-8954

CAGE:7U659

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:1621

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Composition/Information on Ingredients
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Ingred Name:SILICA GEL (REVISED 1990 SIO2:1129296-00-8)
CAS:63231-67-4
RTECS #:VV7322000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:80 MG/M3 / % SIO2
ACGIH TLV:10 MG/M3

Ingred Name:GRAPHITE, SYNTHETIC
CAS:7440-44-0
RTECS #:FF5250100
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:2 MG/M3 TDUST; 9596

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Hazards Identification
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LD50 LC50 Mixture:48HR ORAL LD50 (RAT) EST>31600MG/KG.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:DRYING ACTION OF MATL CAN CAUSE IRRIT OF MUCOUS MEMBRANES OF NOSE/THROAT, IRRIT OF SKIN. DUSTY CONDITIONS CAUSES EYE DISCOMFORT. SILICA GEL IS SYNTHETIC AMORPHOUS SILICA NOT TO BE CONFUSED W/CRISTALLI NE SILICA.
Explanation of Carcinogenicity:PER MSDS:THIS PRODUCT AND ITS COMPONENTS ARE NOT LISTED ON IARC/NTP/OSHA CARCI NOGENS LISTS.
Effects of Overexposure:IRRIT OF MUCOUS MEMBRANES OF NOSE/THROAT, IRRIT OF SKIN, EYE DISCOMFORT.
Medical Cond Aggravated by Exposure:DAVISON KNONWS OF NO MEDICAL CONDITIONS ABNORMALLY AGGRAVATED BY EXPOSURE TO SILICA GEL.

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First Aid Measures
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First Aid:EYE:IMMED WASH W/LG AMTS OF WATER OCCASIONALLY LIFTIN UPPER/LOWER EYE LIDS.IRRTI OCCURS/PERSISTS SEEK MED ATTN. SKIN:WASH W/SOAP/WATER. INGEST:MATL WILL PASS THROUGH B

ODY NORMALLY.

INHAL:REMOVE TO FRE SH AIR.

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

Flash Point:NP

Autoignition Temp:Autoignition Temp Text:NP

Lower Limits:NP

Upper Limits:NP

Extinguishing Media:NONE SPECIFIED BY MANUFACTURER. HMIS:USE

APPROPRIATE FIRE EXTINGUISHING MEDIA FOR SURROUNDING FIRE/MATL.

Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.

Unusual Fire/Explosion Hazard:NON-FLAMMABLE.

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

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

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID PROLONGED BREATH OF DUST/CONTACT
W/SKIN. KEEP TIHTLY SEALED TO PROTECT QUALITY.

Other Precautions:MEETS FDA REQUIREMENTS DEPENDING ON FOOD APPLICATION.

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

Respiratory Protection:IF DUSTY CONDITIONS
PREVAIL WEAR PROPERLY FITTED

NIOSH-APPROVED DUST RESPIRATOR.

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:CLOSE-WEAVE COTTON GLOVES W/WRISTLETS.

Eye Protection:GOGGLES IF DUST CAUSE EYE DISCOMFORT.

Other Protective Equipment:LONG SLEEVES, TIGHT-FITTING WRISTLETS.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

PH IN 5% SLURRY:APPROX 3.8-4.1 (SILICA GEL). APPEARANCE:BLACK GRANULAR
CARBON, NO ODOR.

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===== Physical/Chemi

cal Properties =====

HCC:N1

Boiling Pt:B.P. Text:NP

Melt/Freeze Pt:M.P/F.P Text:NP

Decomp Temp:Decomp Text:NP

Vapor Pres:NP

Vapor Density:NP

Spec Gravity:2.1

pH:SUPPLE

Viscosity:NP

Evaporation Rate & Reference:NP

Solubility in Water:INSOLUBLE.

Appearance and Odor:BAGS/PACKETS & CLOSURES CONTAINING WHITE GRANULAR
OR BEADEE SILICA GEL(SUPPLEME

Percent Volatiles by Volume:NP

Corrosion Rate:NP

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

Stability Indi

cator/Materials to Avoid:YES

REACTS WITH HF.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:NOT KNOWN TO HAVE ANY ADVERSE EFFECTS ON AQUATIC
ENVIRONMENT.DISPOSE ON AN APPROVED LANDFILL ACCORDING TO LOCAL,
STATE AND FEDERAL REGULATIONS. COVER PROMPTLY TO AVOID BLOWING OF
DUST.

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