

DAVISON CHEMICAL DIV., W.R.GRACE & CO. -- PROTEK-SORB PACKAGING ADSORBENT --
6850-00-194-3291

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

Product ID:PROTEK-SORB PACKAGING ADSORBENT

MSDS Date:01/10/1992

FSC:6850

NIIN:00-194-3291

MSDS Number: BDHZZ

=== Responsible Party ===

Company Name:DAVISON CHEMICAL DIV., W.R.GRACE & CO.

Box:2117

City:BALTIMORE

State:MD

ZIP:21203

Country:US

Info Phone Num:301-659-9000

E

mergency Phone Num:301-659-9058

Preparer's Name:J.H. CONVEY

CAGE:7U659

=== 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:DEANCO INC

Address:7933 QUEENAIR DR

Box:City:GAITHERSBURG

State:MD

ZIP:20879-4137

Country:US

Phone:301-948-5444

CAGE:9K946

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
Fraction by Wt: 100%
Other REC Limits: NONE SPECIFIED BY M.
OSHA PEL: 6 MG/M3
ACGIH TLV: 10 MG/M3

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

LD50 LC50 Mixture: ORAL RAT LD50 IS >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: THERE IS VERY LITTLE HAZARD TO THIS PRODUCT. EFFECTS REPORTED ARE A DRYING OF SKIN OR MUCOUS MEMBRANES WITH PROLONGED/ REPEATED CONTACT.
Effects of Overexposure: IRRITATION OR DRYING OF EYES, SKIN, MUCOUS MEMBRANES.
Medical Cond Aggravated by Exposure: RESPIRATORY AILMENTS SUCH AS EMPHYSEMA, ETC.

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

First Aid: EYE: FLUSH WITH WATER FOR 15 MIN, OCCASIONALLY OPENING EYELID.
IF IRRITATION OR DISCOMFORT PERSIST GET MEDICAL ATTENTION.
SKIN: WASH WITH SOAP & WATER. INHALATION: REMOVE TO FRESH AIR.
INGESTION: MATERIAL WILL PASS THROUGH BODY NORMALLY.

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

Flash Point: NONE
Extinguishing Media: NON-FLAMMABLE. USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures: NONE.
Unusual Fire/Explosion Hazard: NONE.

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

=====

Spill Release Procedures:VACUUM,SWEEP UP. WEAR DUST MASK AND GLOVES.
Neutralizing Agent:NONE.

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

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL VENTILATED
AREA.KEEP TIGHTLY CLOSED TO PROTECT QUALITY.

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

Respiratory Protection:NOT NORMALLY NEEDED. USE NIOSH/MSHA APPROVED
DUST RESPIRATOR IF PEL/TLV IS EXCEEDED,OR IF RESPIRATORY DISCOMF
ORT
IS ENCOUNTERED.

Ventilation:MECH(GEN)OR LOCAL EXHAUST THAT PROVIDES ADEQUATE
VENTILATION

Protective Gloves:COTTON.

Eye Protection:SAFETY GLASSES.

Work Hygienic Practices:USE GOOD INDUSTRIAL HYGIENE PRACTICE.

Supplemental Safety and Health

PH IN 5% SLURRY IS APPROXIMATELY 3.8-4.1 (SILICA GEL).

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

HCC:N1

Spec Gravity:2.1

pH:4

Solubility in Water:INSLOUBLE

Appearance and Odor:BAGS CONTAINING WHITE GRANULR/BEADED SILICA
GEL,
ODORLESS.

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

REACTS WITH HF

Stability Condition to Avoid:HUMID, MOISTURE

Hazardous Decomposition Products:NONE.

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

Waste Disposal Methods:DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.
HMIS:NOT A HAZARDOUS WASTE.

Disclaimer (provided with this information by the compiling agenc

ies):

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 to their particular situation.