

W R GRACE & DAVISON CHEMICAL D -- DAVISON BLUE INDICATING SILICA GEL

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MSDS Safety Information
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FSC: 6850
NIIN: 00-887-4451
MSDS Date: 10/01/1992
MSDS Num: BFTWC
Product ID: DAVISON BLUE INDICATING SILICA GEL
MFN: 01
Responsible Party
Cage: 16210
Name: W R GRACE & CO. DAVISON CHEMICAL DIVISION
Address: 10 E BALTIMORE STREET
Box: 2117
City: BALTIMORE MD 21202-1630
Info Phone Number: 301-659-9000;301-659-9058
Emergency Phone Number: 301-659-9000;301-874-2009
Preparer's Name: J.H.CONVEY,MGR.ENVIR.CTRL
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 00334
Name: SUD-CHEMIE INC/SUB CHEMIE PERFORMANCE PACKAGING DIV
Address: 926 SOUTH 8TH ST (FORMALLY HUMIDIAL)
Box: 610
City: COLTON CA 92324-0610
Phone: 909-825-1793
Cage: 16210
Name: W R GRACE & CO. DAVISON CHEMICAL DIVISION
Address: 10 E BALTIMORE STREET
Box: 2117
City: BALTIMORE MD 21202-1630
Phone: 410-659-9000

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Item Description Information
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Item Manager: S9G
Item Name: DESICCANT,ACTIVATED
Specification Number: MIL-D-3716B
Type/Grade/Class: TYPE IV, GRADE H
Unit of Issue: CN
Quantitative Expression: 00000000002LB
UI Container Qty: 1
Type of Container: CAN

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Ingredients
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Cas: 63231-67-4
RTECS #: VV7322000
Name: SILICA GEL - CONSIDERED A NUISANCE DUST
% Wt: UNKNOWN
Other REC Limits: NONE SPECIFIED
OSHA PEL: 20 MPPCF
ACGIH TLV: 10 MG/CUM TOTAL DUST

Cas: 7646-79-9
RTECS #: GF9800000
Name: COBALT CHLORIDE
% Wt: UNKNOWN
Other REC Limits: NON SPECIFIED
OSHA PEL: 0.1 MG CO/CUM
ACGIH TLV: 0.1 MG CO/CUM
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Health Hazards Data
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LD50 LC50 Mixture: ORAL LD50 RAT(ESTIMATED) >31,600 MG/KG

Route Of Entry Inds - Inhalation: YES

Skin: NO

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: COBALT CHLORIDE IS GENERALLY RECOGNIZED AS SAFE AS A TRACE

MINERAL ADDED TO ANIMAL FEED. SILICA GEL IS A SYNTHETIC AMORPHOUS SILICA NOT

TO BE CONFUSED W/CRYSTALLINE SILICA. EPIDEMIOLOGICAL STUDIES IND ICATE A LOW

POTENTIAL FOR HEALTH EFFECTS. IT IS CONSIDERED A NUISANCE DUST & ACTS AS A DESICCANT TO HUMAN TISSUE.

Explanation Of Carcinogenicity: THIS PRODUCT AND ITS COMPONENTS ARE NOT LISTED

ON THE IARC, NTP OR OSHA CARCINOGENS LISTS.

Signs And Symptoms Of Overexposure: DRYING ACTION OF PRODUCT CAN CAUSE IRRITATION OF THE MUCOUS MEMBRANES OF THE NOSE & THROAT & IRRITATION OF THE SKIN. COBALT CHLORIDE CAN CAUSE DERMATITIS AND IRRITATION OF NASAL PASSAGE AND LUNGS.

Medical Cond Aggravated By Exposure: DAVIDSON KNOWS OF NO MEDICAL CONDITIONS ABNORMALLY AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

First Aid: IF ANY IRRITATION PERSISTS OR SEVERE, GET MEDICAL ATTENTION.

EYE:FLUSH W/WATER FOR 15 MIN. OCCASIONALLY LIFTING LIDS. SKIN:WASH W/SOAP & WATER. INHALED:REMOVE TO FRESH AIR. INGESTED:MATERIAL WILL PASS THROUGH BODY NORMALLY.

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Handling and Disposal
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Spill Release Procedures: SWEEP UP OR VACUUM UP.

Neutralizing Agent: MFR GAVE NO INFORMATION OF MSDS.

Waste Disposal Methods: DISPOSE IN AN APPROVED LANDFILL I/A/W FEDERAL, STATE & LOCAL REGULATIONS. COVER PROMPTLY TO AVOID BLOWING OF DUST.

Handling And Storage Precautions: KEEP TIGHTLY SEALED TO PROTECT QUALITY.

Other Precautions: WHEN POURING INTO A CONTAINER OF FLAMMABLE LIQUID, GROUND BOTH CONTAINERS ELECTRICALLY TO PREVENT A STATIC ELECTRIC SPARK.

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Fire and Explosion Hazard Information
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Flash Point Text: NON-FLAMMABLE

Lower Limits: UNKNOWN

Upper Limits: UNKNOWN

Extinguishing Media: MFR GAVE NO INFORMATION OF MSDS.

Fire Fighting Procedures: NON-FLAMMABLE. MFR GAVE NO INFORMATION OF MSDS.

Unusual Fire/Explosion Hazard: NON-FLAMMABLE. MFR GAVE NO INFORMATION OF MSDS.

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Control Measures
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Respiratory Protection: IF DUSTY CONDITION PREVAIL, WEAR A PROPERLY FITTED NIOSH-APPROVED DUST RESPIRATOR.

Ventilation: MFR GAVE NO INFORMATION OF MSDS.

Protective Gloves: CLOSE-WEAVE COTTON GLOVES

Eye Protection: WEAR GOGGLES IF DUSTY

Other Protective Equipment: FOR MANUAL HANDLING:WEAR LONG SLEEVES AND CLOSE-WEAVE GLOVES WITH TIGHT-FITTING WRISTLETS.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health: NOT KNOWN TO HAVE ANY ADVERSE EFFECTS ON THE AQUATIC ENVIRONMENT. THE SILICA BASE IS INSOLUBLE AND NONTOXIC. COBALT CHLORIDE MAY LEACH AWAY IF CONTACTED WITH WATER.

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Physical/Chemical Properties
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HCC: N1

NRC/State LIC No: NONE

B.P. Text: UNKNOWN

M.P/F.P Text: UNKNOWN

Decomp Text: UNKNOWN

Vapor Pres: UNKNOWN

Vapor Density: UNKNOWN

Spec Gravity: 2.1

Viscosity: UNKNOWN

Evaporation Rate & Reference: UNKNOWN

Solubility in Water: INSOLUBLE

Appearance and Odor: CLEAR BLUE GRANULES, NO ODOR. PH OF 5% SLURRY; 6.5 TO 7.5

Corrosion Rate: UNKNOWNNN

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: MFR GAVE NO INFORMATION OF MSDS.

Materials To Avoid: MFR GAVE NO INFORMATION OF MSDS.

Hazardous Decomposition Products: MFR GAVE NO INFORMATION OF MSDS.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: MFR GAVE NO INFORMATION OF MSDS.

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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Transportation Information
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Responsible Party Cage: 16210
Trans ID NO: 90095
Product ID: DAVISON BLUE INDICATING SILICA GEL
MSDS Prepared Date: 10/01/1992
Review Date: 06/25/1996
MFN: 1
Tech Entry NOS Shipping Nm: NONE
Net Unit Weight: 2 POUNDS
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: CN
Container QTY: 1
Type Of Container: CAN
Additional Data: NONE

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Detail DOT Information
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DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail IMO Information
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IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
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Detail IATA Information
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IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail AFI Information
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AFI PSN Code: ZZZ
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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=====
HAZCOM Label
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Product ID: DAVISON BLUE INDICATING SILICA GEL
Cage: 16210
Company Name: W R GRACE & CO. DAVISON CHEMICAL DIVISION
Street: 10 E BALTIMORE STREET
PO Box: 2117
City: BALTIMORE MD
Zipcode: 21202-1630
Health Emergency Phone: 301-659-9000;301-874-2009
Label Required IND: Y
Date Of Label Review: 06/25/1996
Status Code: C
MFG Label NO: NONE
Label Date: 06/25/1996
Year Procured: 1996
Origination Code: F
Eye Protection IND: YES
Skin Protection IND: YES

Signal Word: CAUTION

Health Hazard: None

Contact Hazard: Slight

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: **TARGET-ORGANS:RESPIRATORY SYSTEM, SKIN** COBALT CHLORIDE IS GENERALLY RECOGNIZED AS SAFE AS A TRACE MINERAL ADDED TO ANIMAL FEED. SILICA GEL IS A SYNTHETIC AMORPHOUS SILICA NOT TO BE CONFUSED W/CRYSTALLINE SILICA. EPIDEMIOLOGICAL STUDIES INDICATE A LOW POTENTIAL FOR HEALTH EFFECTS. IT IS CONSIDERED A NUISANCE DUST & ACTS AS A DESICCANT TO HUMAN TISSUE. KEEP TIGHTLY SEALED TO PROTECT QUALITY.

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