

MATERIAL SAFETY DATA SHEET

Section 1 - Product and Company Identification

Product Name: 300SB-C18 Chromatography Column
Agilent Part Number: 861630-902
Date Prepared: 01/24/03
Supplier's Name: AGILENT TECHNOLOGIES, INC.
2850 Centerville Road
Wilmington, Delaware 19808

Number of Pages: 3

USA Information Telephone Number: 1-302-633-8899

USA Emergency Telephone Number: 1-877-4Agilent

When calling from outside the USA, dial your International Access Code for the USA, then 1, then 302-633-8899

Section 2 - Composition/Information on Ingredients

A 1.0 x 250 mm chromatography column containing 5µm 300 SB-C18 packing material - a reaction product of silica with chlorodiisobutyloctadecylsilane.

Chemical Families: Surface modified amorphous silica

Chemical Synonyms: 300 SB-C18 is also known as *StableBond®-C18*; *SB-C18 silica*; and *300 StableBond®-C18*. **Silica gel** is also known as *precipitated silica* and *amorphous silica*

Section 3 - Hazards Identification

May cause eye irritation. Do not breathe dust.

Section 4 - First-Aid Measures

Inhalation: Symptoms of overexposure may include cough and discomfort. If large amounts are inhaled, move affected person to fresh air. If breathing is difficult give oxygen. If breathing has stopped begin resuscitation measures. Contact physician.

Skin Contact: Wash with soap and water.

Eye Contact: May be a mild eye irritant. Contamination of the eyes should be treated by immediate and prolonged irrigation with copious amounts of water by separating the eyelids with fingers. If redness or discomfort persist, contact a physician.

Ingestion: This compound is not likely to be hazardous by ingestion. However, if swallowed, wash out mouth with water provided affected person is conscious. Consult a physician.

Section 5 - Fire-Fighting Measures

Extinguishing Media: Appropriate to surroundings **Special Fire Fighting Procedures:** Wear full protective clothing and self contained positive pressure breathing apparatus certified by NIOSH when fighting chemically related fires. **Unusual Fire and Explosion Hazards:** Small amounts of flammable vapor may be produced if heated to approximately 500°F.

Section 6 - Accidental Release Measures

Wearing appropriate personal protective equipment, shovel or sweep up using a dust suppresser. Vacuum the remainder of the smaller quantities using a HEPA-type vacuum. Avoid inhaling dust. Place waste in a plastic bag or other suitable container and dispose of as residual waste. This material is not defined as hazardous waste by RCRA (40 CFR Part 261) and may be landfilled according to federal, state and local regulations.

DISCLAIMER: This Safety Data Sheet is offered without charge to the clients of Agilent Technologies. Data is the most current available to Agilent Technologies at the time of preparation and is issued as a matter of information only, no warranty as to its accuracy or completeness is expressed or implied.

Section 14 - Transport Information**DOT Regulations:**

Shipping Name: Non-regulated Material
RID/ADR: NA **ADNR:** NA

IATA-DGR Regulations:

Shipping Name: Non-regulated Material

Section 15 - Regulatory Information

Exposure Limits: There are no established exposure limits for this product-however if dust is generated by grinding or other means the following standard would apply: *Particulate Matter Not Otherwise Classified: (PNOC)*

OSHA PEL: 5 mg/m³ (Respirable fraction) 15 mg/m³ (Total dust)

ACGIH TWA: 3 mg/m³ (Respirable particulate) 10 mg/m³ (Inhalable particulate)

SARA Reporting: Section 302: None Section 304: None Section 313: None

OSHA Labeling Requirements: None

Section 16 - Other Information

Unless otherwise noted, the above information pertains only for the base material and similar types of components in the sample. When no toxicity data is provided, it is prudent to handle this chemical as hazardous. Furthermore, since individual chemical hypersensitivity cannot be predicted, every chemical should be handled with due respect.

KEY TO ABBREVIATIONS

ACGIH - American Conference of Governmental Industrial Hygienists` **ADNR** - Regulations concerning the carriage of dangerous goods on the Rhine **CAS** - Chemical Abstract Service **DOT** - US. Department of Transportation 49 Code of Federal Regulations **IARC** - International Agency for Research on Cancer **IATA-DGR** - International Air Transport Association- Dangerous Goods Regulation **LEL** - Lower Explosion Limit **NA** - Not Applicable **ND** - No Data **NIOSH** - National Institute for Occupational Safety and Health **NTP** - National Toxicology Program **OSHA** - Occupational Safety and Health Administration **PEL** - Permissible Exposure Limit

RID/ADR - Regulations Concerning the International Carriage of Dangerous Goods by Rail/European Agreement Concerning the International Carriage of Dangerous Goods by Road **TLV** -Threshold Limit Value **TWA** - Time Weighted Average **UEL** - Upper Explosion Limit [] - Indicates CAS Number

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