

# VAPORTEK MATERIAL SAFETY DATA SHEET

(May be used for compliance with OSHA's Hazard Combination Standard 29 CFR 1910.1200)

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**DATE PREPARED:** February 2007  
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## SECTION 1: PRODUCT DATA:

Product Name/Identity: Vaportek DeodorGrans Deodorizer Granules  
Item Numbers: 90-7800

## SECTION 2: HAZARDOUS INGREDIENTS/PRODUCT IDENTIFICATION:

(As established by the American Conference of Governmental Hygienists and/or standards promulgated by the U.S. Occupational Safety and Health Administration.)

| Common Name                       | Approx. Concentration | CAS Numbers | OSHA PEL (ACGIH TLV) | LD50/LC 50 Data |
|-----------------------------------|-----------------------|-------------|----------------------|-----------------|
| Diatomaceous Earth, calcined      | 95%                   | 915053-39-3 | N/A                  | N/A             |
| Crystalline Silica (Cristobalite) | >1%                   | 14464-46-1  | .05 mg/m3            | N/A             |
| Crystalline Silica (Quartz)       | >1%                   | 14804-60-7  | .10 mg/m3            | N/A             |

## SECTION 3: PHYSICAL DATA/CHEMICAL CHARACTERISTICS:

Boiling Point: N/A  
Vapor Pressure: N/A  
Vapor Density (Air = 1): Heavier  
Volatiles, % by Volume: >5%  
Appearance and Odor: Slightly tan dry granule with characteristic Citronella scent.

Melting Point: N/A.  
Specific Gravity: N/A  
Solubility in Water: Soluble  
Evaporation Rate (Butyl Acetate = 1): N/A

## SECTION 4: FIRE AND EXPLOSION HAZARDS:

Flash Point: N/A  
Flammable Limits: LEL: N/A. UEL: N/A.  
Extinguishing Media: Carbon Dioxide, Dry Chemical or Universal Type Foam applied in accordance with manufacturer's instructions.  
Special Fire-fighting Procedures: Self-contained breathing apparatus and protective clothing should be worn whenever fighting fires involving chemicals.  
Unusual Fire and Explosion Hazards: None known to Vaportek.

## SECTION 5: HEALTH HAZARD DATA:

Possible routes of entry: Skin contact, eye contact, inhalation and ingestion.

Signs and Symptoms of Exposure:

Eyes: May cause temporary irritation or redness.

Skin: Prolonged contact may cause temporary irritation or redness.

Ingestion: No adverse effect known by Vaportek.

Inhalation: As with any aromatic compound, prolonged or concentrated exposure may cause temporary respiratory irritation to some people. Nuisance dust may cause temporary respiratory irritation.

Emergency First Aid Procedures:

Eyes: Flush with copious amounts of water for at least 15 minutes. If irritation persists, consult a physician.

Skin: Wash affected area with soap. Remove any contaminated clothing and wash prior to reuse. If irritation persists, consult a physician.

Ingestion: Drink water or milk and contact a physician as necessary.

Inhalation: Remove to fresh air and seek medical attention as necessary.

Medical Conditions Generally Aggravated by Exposure: None known to Vaportek.

Threshold Limit Value: Not determined by ACGIH or OSHA.

Other significant and relevant laboratory data: Calcined diatomaceous earth (Kieselguhr) contains crystalline silica in very small amounts. Crystalline silica is a known cause of Silicosis, a progressive, sometimes fatal, lung disease. The International Agency for Research on Cancer (IARC) has classified "inhaled crystalline silica from occupational sources" in Group 1 as a substance "carcinogenic to humans." A 1996 report supports the conclusion that recent improvements in dust control in the mining industry appear to have abated any excess risk of silicosis or lung cancer in today's work environment where crystalline silica exposure is constantly a factor.

(continued on reverse)

**SECTION 6: REACTIVITY DATA:**

Stability: This product presents no significant reactivity hazard. It is stable and will not react violently with water. Hazardous polymerization will not occur. Avoid product contact or contamination with strong acids, alkalis or oxidizing agents. Carbon monoxide and unidentified organic compounds may be formed during combustion.

**SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE:**

Steps to be taken if material is released or spilled:

Always use appropriate safety equipment. This material should present no toxicity or flammability hazard if spilled.

Disposal Method: Dispose of in accordance with appropriate local, state and federal regulations.

Storage/Handling Precautions: Store in sealed containers in a cool, dry place that is well ventilated.

**SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION:**

Eye Protection: Not required, but recommended.

Protective Clothing: Generally not required.

Protective Gloves: Not required, but recommended.

Respiratory Protection: Generally not required.

Ventilation: Generally not required; use mechanical exhaust as needed.

Work and Hygiene Practices: Good personal hygiene practices should always be observed. Avoid contact with eyes and skin. Wash with soap and water after contact. Contaminated clothing should be cleaned before reuse.

**SECTION 9: REGULATORY STATUS:**

This product is not subject to US Department of Transportation hazardous goods classification. All applicable elements of this formulation are listed in the TSCA inventory, as required by the Toxic Substances Control Act (TSCA). This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all of the information required by the CPR.

**DISCLAIMER:**

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond Vaportek's control; it is the responsibility of the user both to determine safe conditions for use of this product and to assume liability for the loss, damages or expenses arising out of the improper use of this product. No warranty expressed or implied regarding this product described herein shall be created by, or inferred from, any statement or omission in this MSDS.