



Woodstream Corporation  
69 N. Locust Street  
Lititz, PA 17543

# Material Safety Data Sheet

**MSDS No:** 648  
**Domestic Emergency Phone** 800-424-9300  
**International Emergency Phone** 703-527-3887  
**Information Phone** 800-800-1819  
**Intl Info Phone:** 717-626-2125

## SECTION I: MATERIAL IDENTIFICATION

**Product Number/Size:** 5161 1 LB  
**Trade Name:** Safer® Brand Garden Dust  
**Also Known As:** Dipel Garden Dust  
**Description:** Insecticide Dust  
**Chemical Composition:** Dust (0.05% Bacillus thuringiensis)  
**Regulatory Licenses:** EPA Reg. No. 36488-25

## SECTION II: INGREDIENTS

<b>Non-Hazardous Component (s)</b> 0.05% Bacillus thuringiensis subsp Kurstaki	<b>CAS #</b> 68038-71-1	<b>Chemical Formula</b> N/A
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<b>Hazardous Ingredient (s)</b>	<b>% BY WT</b>	<b>CAS #</b>	<b>OSHA/TWA</b>	<b>PEL/STEL</b>	<b>ACGIH/TWA</b>	<b>TLV/STEL</b>
Free Silica (Quartz)	<1.0	14808-60-7	0.1 mg/m3	N/A	N/A	0.1 mg/m3
Titanium Dioxide	<2.6%	13463-67-7	15 mg/m3	N/A	N/A	15 mg/m3

## SECTION III: PHYSICAL DATA

<b>Boiling Point:</b> N/A	<b>Viscosity:</b> N/A
<b>Vapor Pressure (mm Hg):</b> N/A	<b>Odor:</b> Earthy
<b>Vapor Density (AIR=1):</b> N/A	<b>Specific Gravity (Water=1):</b> 2.4-2.7
<b>Bulk Density:</b> 149-169 lbs/cubic ft	<b>Percent, Volatile by Volume %:</b> N/A
<b>Freezing Point:</b> N/A	<b>Evaporation Rate (Xylene=1):</b> N/A
<b>Solubility in Water:</b> Negligible	<b>Physical State:</b> Solid
<b>Appearance:</b> Raw color light gray to white	<b>pH:</b> 3.5-7.5

## SECTION IV: FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (method):</b> N/A	<b>NFPA Health Rating:</b> 0
<b>Autoignition Temp.:</b> N/A	<b>NFPA Fire Rating:</b> 0
<b>Flammable Lel:</b> N/A	<b>NFPA Reactivity Rating:</b> 0
<b>Flammable Uel:</b> N/A	<b>Extinguishing Material:</b> N/A

**Hazardous Products of Combustion:** None Expected  
**Special Fire Fighting Procedures:** None Required

## SECTION V: HEALTH HAZARD DATA

**General Statement:** Material is not considered hazardous per 29 CFR 1910.1200.  
**Occupational Exposure Limit:** See Section II  
**Effects of Over Exposure:** Respiratory irritation, damage to respiratory system.  
**Carcinogenicity:** This product contains crystalline silica and titanium dioxide which cause cancer in humans.  
**Chronic Effects:** This clay product contains crystalline silica which may cause delayed respiratory disease (silicosis) if inhaled over a prolonged time period.  
**Rec. Exp. Limits:** See Section II  
**Potential Health Effects:** Breathing difficulty, respiratory irritation.  
**Acute Oral:** Not Available  
**Acute Dermal:** Not Available  
**Acute Inhalation:** Not Available  
**Eye Irritation:** Mild Irritation  
**Skin Irritation:** Not an irritant  
**Sensitization:** Not a sensitizer

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**Route of Entry Symptoms/Effects of Overexposure First Aid**

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Inhalation	Difficulty breathing/irritation	Remove to fresh air. Contact a physician if breathing difficulty persists.
Eye	Irritation	Flush thoroughly with water for 10 to 15 minutes. Contact physician if irritation persists.

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**SECTION VI: REACTIVITY DATA**

**Stability:** Stable

**Conditions to avoid:** None Known

**Materials to avoid:** None Known

**Hazardous Decomposition:** Will not occur

**Conditions to avoid:** None Known

**Hazardous Polymerization:** Will not occur

**Conditions to avoid:** None Known

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**SECTION VII: SPILL OR LEAK PROCEDURES**

**Steps to be taken if material is released or spilled:** Clean up and collect material, minimizing dust.

**Waste Disposal Method:** Waste is not hazardous as defined by RCRA (40 CFR 261). Other National, Provincial, and Local regulations may vary. Consult local agencies as needed. Used material which has been contaminated may have significantly different characteristics based on the contaminants and should be evaluated accordingly.

**Product Disposal Method:** Wrap in several layers of newspaper and place in trash.

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**SECTION VIII: SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:** Dust mask if prolonged concentrated dust exposure expected.

**Protective Gloves:** Not required

**Eye Protection:** Not generally required

**Protective Clothing:** Not generally required

**Ventilation:** Use adequate ventilation

**Other Protective Equipment:** None Required

**Protection Note:** Prolonged and repeated exposure to excessive concentrations of this product's dust, or any nuisance dust, can cause chronic pulmonary disease.

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**SECTION IX: SPECIAL PRECAUTIONS**

**Storage and Handling:** Avoid skin and eye contact. Avoid breathing dusts. Store in cool, well-ventilated area. Provide means of controlling spills. Protect from ignition. Wash hands after handling. Do not allow product to contaminate water sources, food or feed.

**Other Precautions:** None

**Precaution Note:** None

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**SECTION X: ECOLOGICAL INFORMATION**

**Ecotoxicity:** Generally considered chemically inert in the environment. Use of material which has become contaminated may have significantly different characteristics based on the contaminant and should be evaluated accordingly.

**Environmental Fate:** Persists, does not degrade

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## **SECTION XI: TRANSPORTATION INFORMATION**

### **DOT HAZARD DESCRIPTION**

**DOT Proper Shipping Name:** Not Hazardous  
**Identification Number:** N/A  
**DOT Hazard Class/Division:** N/A  
**Packaging Group:** N/A  
**Packaging Instructions:** None  
**Special Instructions:** None  
**Placard:** None Required  
**Emergency Response Guide#:** None  
**US Surface Freight Class:** See NMFTA Manual

### **IATA CLASSIFICATION**

**IATA Proper Shipping Name:** Not Hazardous  
**Identification Number:** N/A  
**IATA Hazard Class/Division:** N/A  
**Packaging Group:** N/A  
**IATA Bulk Packaging Inst:** N/A  
**IATA Shipping Notes:** N/A

### **IMO CLASSIFICATION**

**IMO Proper Shipping Name:** Not Hazardous  
**Identification Number:** N/A  
**IMO Hazard Class/Division:** N/A  
**Packaging Group:** N/A  
**IMO Shipping Notes:** N/A  
**IMO Bulk Packaging Inst:** N/A  
**IMO Stowage Category:** N/A

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## **SECTION XII: REGULATORY INFORMATION**

**SARA Title III:** Not Regulated  
**SARA Product Classification:** N/A  
**Acute:** Not Determined  
**Chronic:** Not Determined  
**Fire:** Not Flammable  
**Reactivity:** Not Reactive  
**Pressure Generating:** Not Pressure Generating  
**311/312 Hazard Categories:** Not Categorized  
**313 Reportable Ingredients:** None  
**TSCA Regulatory:** Not Regulated  
**State Regulations:** Woodstream Corp. is unaware of any local, state or federal regulations, which define the active ingredients as hazardous. As of the preparation date, this product did not contain a chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.  
**Proposition 65 Statement:** Crystalline Silica is known to the State of California to cause cancer  
**European Classification:** N/A

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## **SECTION XIII: OTHER INFORMATION**

**Memo:** While this information and recommendations set forth are believed to be accurate as of the date hereof, Woodstream Corp. makes no warranty with respect hereto and disclaims all liability from reliance thereon.

***Date MSDS Prepared:*** 3/3/2005  
***Supersedes Date:***

***Contact:*** Nathan P. Ehresman  
***Title:*** Regulatory Affairs Manager