

# SAFETY DATA SHEET

## 1. Product and Company Identification

**Product Identifier:** Tidy Cats LightWeight 24/7 Performance Litter  
**Date Prepared:** April 2, 2013  
**Chemical Formula:** Mixture  
**Manufacturer Information:** Nestlé Purina PetCare Company  
Checkerboard Square, St. Louis, MO 63164  
800-835-6369

**Product Use:** An absorbent material that is used to line a receptacle in which a domestic cat can urinate and defecate indoors. This product is designed to lock in moisture and give long lasting odor control.

**Website:** [www.tidycats.com](http://www.tidycats.com)

## 2. Hazard Identification

**Overview:** Dust may be irritating to skin, eyes and nasal passages. This product contains crystalline silica, however the amount of crystalline silica is far below any amount considered hazardous.

Maintaining occupation exposures to dust to levels less than the occupational exposure levels listed in Section 8 are recommended to minimize the potential for silicosis, respiratory tract, eyes and skin irritation.

- **Signal Word:** Danger



Health Hazard – Carcinogenicity

### **Hazards:**

#### **Inhalation:**

**Short Term:** Dust may irritate the nasal passages.

**Long Term:** Breathing small particles can be hazardous to lungs. This product contains crystalline silica in extremely small amounts. Crystalline silica in high concentrations can cause lung disease.

#### **Skin:**

**Short Term:** Dust may be irritating.

**Long Term:** None known.

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**Eyes:**

**Short Term:** Dust may be irritating.

**Long Term:** None known.

**Ingestion:**

**Short Term:** None known.

**Long Term:** None known.

**Target Organs:** Lungs

### 3. Composition / Information on Ingredients

| INGREDIENT   | CAS NUMBER | PERCENT WEIGHT |
|--|------------|----------------|
| Bentonite  | 1302-78-9  | 80% (maximum)  |
| Perlite, expanded<br>(Chemical name:<br>Sodium-Potassium-<br>Aluminum-Silicate)  | 93763-70-3 | 30% (maximum)  |
| Silica, crystalline,<br>Quartz   | 14808-60-7 | 5% (maximum)   |
| Silica, crystalline,<br>cristobalite   | 14464-46-1 | 1% (maximum)   |
| Silica, crystalline,<br>tridymite  | 15468-32-3 | 1% (maximum)   |
| Remaining components, if any, are not hazardous or hazardous components are present at less than 1% (0.1% for carcinogens) |            |                |

### 4. First Aid Measures

**Eye contact:**

Flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

**Skin contact:**

Wash with soap and water. Get medical attention if irritation persists.

**Inhalation:**

Remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.

**Ingestion:**

Unlikely to cause ill effects.

**Note to Physician:**

Treat symptomatically.

### 5. Fire Fighting Measures

See Section 9 for Flammability Properties

**Extinguishing Media:** Use extinguishing media suitable for surrounding fire.

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**Protective Equipment and Precautions for Firefighters:** Firefighters should wear NIOSH approved, positive pressure, self-contained breathing apparatus and full protective clothing when appropriate.

**Fire Fighting Measures:** Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas. Use extinguishing agents appropriate for surrounding fire.

**6. Accidental Release Measures**

**Spill or leak procedures:** Avoid generating and breathing dust. Vacuum if dry using HEPA filter equipped vacuum. Avoid adding water; the product will become slippery when wet.

**Personal Protective Equipment:** Use appropriate personal protective equipment, such as, safety goggles, gloves and a NIOSH approved particulate respirator if airborne dust levels exceed occupational exposure limits listed in Section 8.

**7. Handling and Storage**

**Handling Procedures:** Product contains crystalline silica which may become airborne without producing a visible dust cloud. Avoid creating dusty conditions. Use only with adequate ventilation to keep exposure below recommended exposure limits. Use appropriate personal protective equipment, such as, safety goggles, gloves and a NIOSH approved particulate respirator if airborne dust levels exceed occupational exposure limits listed in Section 8.

**Storage Procedures:** Store in a dry area. Use good housekeeping in storage and work areas to prevent accumulation of dust.

**8. Exposure Controls and Personal Protection**

**Exposure Guidelines**

**Components Exposure Limits**

| INGREDIENT  | CAS NUMBER | OSHA PEL<br>(mg/m <sup>3</sup> )   | ACGIH TLV<br>(mg/m <sup>3</sup> )          |
|---|------------|--|--|
| Bentonite   | 1302-78-9  | NA   | NA   |
| Perlite, expanded<br>(Chemical name:<br>Sodium-Potassium-<br>Aluminum-Silicate) | 93763-70-3 | 15 (total dust)<br>5 (respirable dust)   | TLV withdrawn due to<br>insufficient data. |
| Silica, crystalline, α-<br>Quartz   | 14808-60-7 | $\frac{10 \text{ mg/m}^3}{\% \text{SiO}_2 + 2}$ *                                | 0.025 R                                    |
| Silica, crystalline,<br>cristobalite  | 14464-46-1 | ½ the value<br>calculated from the<br>respirable dust<br>formulae for<br>Quartz. | 0.025 R                                    |
| Silica, crystalline,<br>tridymite   | 15468-32-3 |  | 0.025 R                                    |
| Particulates not<br>otherwise<br>classified/regulated<br>(PNOC; PNOR)           | NA         | 15 (total dust)<br>5 (respirable dust)   | NA   |

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**Notes:**

- Occupational Safety and Health Administration (OSHA) Permissible Exposure Limits (PELs) are 8-hour TWA (time-weighted average) concentrations unless otherwise noted.
- Threshold Limit Values (TLV) established by the American Conference of Governmental Industrial Hygienists (ACGIH) are 8-hour TWA concentrations unless otherwise noted. A “C” designation denotes a ceiling limit, which should not be exceeded during any part of the working exposure unless otherwise noted. A Short Term Exposure Limit (STEL) is defined as a 15-minute TWA exposure, which should not be exceeded at any time during a workday even if the 8-hour TWA is within the TLV-TWA.
- Inhalable fraction (I). The concentration of inhalable particulate for the application of this TLV is to be determined from the fraction passing a size-selector with the characteristics defined in the ACGIH TLVs and BEIs Appendix C.
- Respirable fraction (R) The concentration of respirable dust for the application of this limit is to be determined from the fraction passing a size-selector with the characteristics defined in the ACGIH TLVs and BEIs Appendix C.

\*PEL shown for silica – quartz is based on the respirable fraction.

NA – Not available.

## Engineering Controls

**Ventilation:**

Ventilation should be sufficient to maintain inhalation exposures below the applicable OSHA PEL and ACGIH TLVs.

## Personal protective equipment

**Eye/face protection:**

ANSI Z87.1-2003 approved safety glasses with side shields.

**Respiratory protection:**

Respirators are normally not required. Respirator may be required if exposure exceeds occupational exposure standards and guidelines listed in above. Use wear a NIOSH-approved N-95 particulate or better respirator chosen in accordance with the OSHA Respirator Standard 29 CFR 1910.134.

**Other PPE:**

Not required.

**Special Precautions:**

No special precautions for products.

## 9. Physical & Chemical Properties

|                                       |                |
|---------------------------------------|----------------|
| <b>Physical State:</b>                | Granular Solid |
| <b>Appearance:</b>                    | Gray           |
| <b>Odor:</b>                          | Fragrant Odor  |
| <b>Odor threshold:</b>                | Not available  |
| <b>Melting point:</b>                 | Not available  |
| <b>Boiling point:</b>                 | Not available  |
| <b>Specific gravity:</b>              | Not available  |
| <b>Density (lb. /ft<sup>3</sup>):</b> | 24 - 27        |
| <b>Flash point:</b>                   | Not available  |
| <b>Flammability:</b>                  | Nonflammable   |
| <b>Auto Ignition temperature:</b>     | Not applicable |
| <b>Decomposition temperature:</b>     | Not applicable |
| <b>Flammability limits in air:</b>    | Not applicable |
| <b>Vapor pressure:</b>                | Not applicable |
| <b>Vapor density:</b>                 | Not available  |
| <b>Solubility (water):</b>            | Negligible     |
| <b>pH:</b>                            | Not available  |
| <b>Evaporation rate:</b>              | Not applicable |
| <b>Viscosity:</b>                     | Not available  |

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**Partial coefficient: n-octanol/water:** Not applicable

## 10. Chemical Stability & Reactivity Information

**Stability:** Stable at normal temperatures and pressure.  
**Polymerization:** Hazardous polymerization does not occur.  
**Chemical Incompatibilities:** Hydrofluoric acid.  
**Conditions to avoid:** Avoid contact with incompatible materials.  
**Hazardous Decomposition Products:** Perlite reacts with hydrofluoric acid to form toxic silicon tetrafluoride gas.

## 11. Toxicological Information

**Principle Route of Exposure:** Inhalation, skin or eye contact and ingestion.

**Irritation Data:** Dust can be irritating to skin, eyes and nasal passages.

**Hazards:**     **Inhalation:**  
                  **Short Term:** Dust may irritate the nasal passages.  
                  **Long Term:** This product contains crystalline silica in extremely small amounts. Crystalline silica in high concentrations can cause lung disease.

**Skin:**  
                  **Short Term:** Dust may be irritating.  
                  **Long Term:** None known.

**Eye:**  
                  **Short Term:** Dust may be irritating.  
                  **Long Term:** None known.

**Ingestion:**  
                  **Short Term:** None known.  
                  **Long Term:** None known.

## 12. Ecological Information

**Environmental Fate:** No Data Available

**Environmental Toxicity:** No Data Available

## 13. Disposal Considerations

Dispose of in accordance with local, state and federal regulations.

## 14. Transportation Information

US DOT Information - No Classification assigned.

Shipping Name: Non-Regulated Material

UN Number: NA

Shipping Label: NA

## 15. Regulatory Information

### U.S. Federal Regulations

#### **SARA/TITLE III - Toxic chemicals list 40 CFR Part 372.65**

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of SARA and 40 CFR Part 372 annual release reporting: **None**

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## U.S. State Regulations

California Prop 65: WARNING! This product does contain crystalline silica. The State of California Office of Environmental Health Hazard Assessment granted a Safe Use Determination for crystalline silica in packaged sorptive mineral-based pet litter, pursuant to authority under Section 12104 of Title 22 of the California Code of Regulations (June 1999).

## 16. Other Information

The information in this Safety Data Sheet (SDS) was obtained from sources which we believe are reliable; however, the information is provided without any representation or warranty, expressed or implied, regarding the accuracy or correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use, or disposal of this product.

## Key/Legend

|               |   |                         |   |
|---------------|---|-------------------------|---|
| <b>OSHA</b>   | Occupational Safety and Health Administration                         | <b>TLV</b>              | Threshold Limit Value                                     |
| <b>NFPA</b>   | National Fire Protection Association                                  | <b>STEL</b>             | Short-Term Exposure Limit                                 |
| <b>FIFRA</b>  | Federal Insecticide, Fungicide and Rodenticide Act                    | <b>RCRA</b>             | Resource Conservation and Recovery Act                    |
| <b>CERCLA</b> | Comprehensive Environmental Response, Compensation, and Liability Act | <b>ACGIH</b>            | American Conference of Governmental Industrial Hygienists |
| <b>SARA</b>   | Superfund Authorization and Reauthorization Act                       | <b>NIOSH</b>            | National Institute of Occupational Safety and Health      |
| <b>PEL</b>    | Permissible Exposure Limit  | <b>TSCA</b>             | Toxic Substances Control Act                              |
| <b>DOT</b>    | Department of Transportation  | <b>IARC</b>             | International Agency for Research on Cancer               |
| <b>NTP</b>    | National Toxicology Program   | <b>IBC</b>              | International Building Code                               |
| <b>CFR</b>    | Code of Federal Regulations   | <b>mg/m<sup>3</sup></b> | Milligrams per cubic meter                                |
| <b>CWA</b>    | Clean Water Act   | <b>CAA</b>              | Clean Air Act   |
| <b>CAS</b>    | Chemical Abstracts Service  |                         |   |