

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

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 (Chemical name: Sodium-Potassium- Aluminum-Silicate)	93763-70-3	30% (maximum)
Silica, crystalline, Quartz	14808-60-7	5% (maximum)
Silica, crystalline, cristobalite	14464-46-1	1% (maximum)
Silica, crystalline, 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 (mg/m ³)	ACGIH TLV (mg/m ³)
Bentonite	1302-78-9	NA	NA
Perlite, expanded (Chemical name: Sodium-Potassium- Aluminum-Silicate)	93763-70-3	15 (total dust) 5 (respirable dust)	TLV withdrawn due to insufficient data.
Silica, crystalline, α- Quartz	14808-60-7	$\frac{10 \text{ mg/m}^3}{\% \text{SiO}_2 + 2}$ *	0.025 R
Silica, crystalline, cristobalite	14464-46-1	½ the value calculated from the respirable dust formulae for Quartz.	0.025 R
Silica, crystalline, tridymite	15468-32-3		0.025 R
Particulates not otherwise classified/regulated (PNOC; PNOR)	NA	15 (total dust) 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

Physical State:	Granular Solid
Appearance:	Gray
Odor:	Fragrant Odor
Odor threshold:	Not available
Melting point:	Not available
Boiling point:	Not available
Specific gravity:	Not available
Density (lb. /ft³):	24 - 27
Flash point:	Not available
Flammability:	Nonflammable
Auto Ignition temperature:	Not applicable
Decomposition temperature:	Not applicable
Flammability limits in air:	Not applicable
Vapor pressure:	Not applicable
Vapor density:	Not available
Solubility (water):	Negligible
pH:	Not available
Evaporation rate:	Not applicable
Viscosity:	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

OSHA	Occupational Safety and Health Administration	TLV	Threshold Limit Value
NFPA	National Fire Protection Association	STEL	Short-Term Exposure Limit
FIFRA	Federal Insecticide, Fungicide and Rodenticide Act	RCRA	Resource Conservation and Recovery Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act	ACGIH	American Conference of Governmental Industrial Hygienists
SARA	Superfund Authorization and Reauthorization Act	NIOSH	National Institute of Occupational Safety and Health
PEL	Permissible Exposure Limit	TSCA	Toxic Substances Control Act
DOT	Department of Transportation	IARC	International Agency for Research on Cancer
NTP	National Toxicology Program	IBC	International Building Code
CFR	Code of Federal Regulations	mg/m³	Milligrams per cubic meter
CWA	Clean Water Act	CAA	Clean Air Act
CAS	Chemical Abstracts Service		