



Safety Data Sheet

Issue Date: 21-October-2015

Review Date: 14-Jun-2019

Version 1

1. IDENTIFICATION

Product Identifier

Product Name All Natural "Kitty Kitty" Cat Litter

Other means of identification

SDS # Montmorillonite Clay

WOC-047

Recommended use of the chemical and restrictions on use

Recommended Use Cat Litter

Details of the supplier of the safety data sheet

Supplier Address

Warren Oil Company, LLC
2340 U.S. 301 North
Dunn, NC 28335

Emergency Telephone Number

Company Phone Number 1-800-779-6456

Emergency Telephone (24 hr) CHEMTREC 1-800-424-9300

2. HAZARDS IDENTIFICATION

OSHA GHS Hazard Classification Carcinogen Category 1A
Specific Target Organ Toxicity, Repeated Exposure Category 1

Hazards Not Otherwise Classified None

DANGER
May cause cancer by inhalation.
Causes damage to lungs through prolonged or repeated exposure.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe dust.
Wear eye protection.
If exposed or concerned: Get medical advice.
Dispose of contents in accordance with local, state and federal regulations.



Label Elements

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT IDENTIFICATION	APPROXIMATE CONCENTRATION (%)	C.A.S NUMBERS
Montmorillonite Clay (contains 10-15% Crystalline Silica – Quartz)	100%	1318-93-0 14808-60-7

4. FIRST-AID MEASURES

Eye	Flush eyes with generous quantities of water or eye rinse solution. Consult physician if irritation persists.
Skin	Use moisture renewing lotions if dryness occurs.
Ingestion	DO NOT induce vomiting. Drink generous amounts of water to reduce bulk and drying effects.
Inhalation	Drink generous amounts of water to reduce bulk and drying effects.
Most important symptoms/effects, acute and delayed	Dust may cause abrasive irritation to eyes. Prolonged skin contact may cause dryness. Dust may cause nose, throat and upper respiratory tract irritation. Prolonged inhalation of respirable dust containing silica may cause a progressive lung disease, silicosis and lung cancer. See Section 11 for additional information.
Indication of immediate medical attention and special treatment, if necessary	Immediate medical attention is not normally required. If dust irritates the eyes, seek medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing Media	Not applicable, the material is not combustible.
Specific Hazards Arising from the Chemical	Not applicable, the material is not combustible.
Special Protective Equipment and Precautions for Fire-Fighters	Not applicable, the material is not combustible.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	If dust is present, use respirator fitted with particulate filter as specified in Section 8. Protect eyes with goggles. Do not breather dust.
Environmental Precautions	This material is not a significant environmental concern.
Methods and Material for Containment and Cleaning up	Vacuum clean spillage or wet sweep. Avoid creating airborne dust. Place in a container for use or disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling	Minimize dust generation. Avoid contact with eyes. Do not breathe dust. Repair or dispose of broken bags. Observe all label precautions and warnings. Flammable or hazardous substances may retain such characteristics after absorption. Care should be taken to store and dispose of waste material in accordance with instructions of manufacturer of substance absorbed and applicable laws. Do not use with hydrofluoric acid or concentrated caustic solutions.
Conditions for Safe Storage	Store in a dry place to maintain packaging integrity and product quality. Store product separately from feed, food, pesticides and fertilizers so that cross contaminations does not occur. Do not store near hydrofluoric acid or concentrated caustic solutions. Heat may be generated from a stockpile of product due to natural decomposition of organic material.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES:				
Component	OSHA PEL	ACGIH TLV	MSHA PEL	NIOSH REL
Montmorillonite Clay, Calcined (as Particulates not otherwise classified)	5 mg/m ³ respirable dust 15 mg/m ³ total dust	None Established	5 mg/m ³ respirable dust 15 mg/m ³ total dust	None established
Crystalline Silica (Quartz)	30 mg/m ³ % SiO ₂ +2 total dust 10 mg/m ³ % SiO ₂ +2 Respirable dust	0.025 mg/m ³ Respirable dust	30 mg/m ³ % SiO ₂ +2 total dust 10 mg/m ³ % SiO ₂ +2 Respirable dust	0.05 mg/m ³ Respirable dust

Engineering Controls

Use general or local exhaust ventilation to control dust within recommended exposure limits. Refer to ACGIH publication "Industrial Ventilation" or similar publications for design of ventilation system.

PERSONAL PROTECTIVE EQUIPMENT:

Eye/Face Protection

Goggles to protect from dust.

Respiratory Protection

Respirators fitted with filters certified to standard 42CFR84 under series N95 should be worn when dust is present. If the dust concentration is less than ten (10) times the Permissible Exposure Limit (PEL) use a quarter or half-mask respirator with a N95 dust filter or a single use dust mask rated N95. If dust concentration is greater than ten (10) times and less than fifty (50) times the PEL, a full-face piece respirator fitted with replaceable N95 filters is recommended. If dust concentration is greater than fifty (50) and less than two hundred (200) times the PEL use a power air-purifying (positive pressure) respirator with a replaceable N95 filter. If dust concentration is greater than two hundred (200) times the PEL use a Type C supplied air respirator (continuous flow, positive pressure), with full face piece, hood or helmet.

General Hygiene

Avoid breathing dust. Avoid contact with eyes. Wash hands after handling and before eating or drinking.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE, COLOR	Tan to grey	ODOR	Odorless
PHYSICAL STATE	Solid	ODOR THRESHOLD	Not applicable
VAPOR PRESSURE	Not applicable	VAPOR DENSITY	Not applicable
BOILING POINT	Not applicable	MELTING POINT	Unknown
FLASH POINT	Not applicable	Ph (10% SUSPENSION)	Unknown
FLAMMABILITY LIMITS	Not applicable	EVAPORATION RATE	Not applicable
DECOMPOSITION TEMPERATURE	Unknown	SPEC. GRAVITY / RELATIVE DENSITY	2.2
AUTOIGNITION TEMPERATURE	Not applicable	PARTITION COEFFICIENT – n-OCTANOL/WATER	Not applicable
FLAMMABILITY (solid/gas)	Not applicable	SOLUBILITY – WATER	< 1.0%
		VISCOSITY	Not applicable

10. STABILITY AND REACTIVITY

Reactivity

Material is not reactive.

Chemical Stability

Material is stable.

Possibility of Hazardous Reactions	Material is not reactive under normal conditions of handling unless mixed with incompatible substances below.
Conditions to Avoid	Not applicable.
Incompatible Materials	Unsaturated organic compounds, such as turpentine and vegetable oil, hydrofluoric acid and concentrated caustic solutions may react violently with the product.
Hazardous Decomposition Products	Not applicable.

11. TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS:

Acute Hazards	See below.
Eye Contact	Dust particles in the eye may cause mechanical, abrasive injury.
Skin Contact	No adverse effects are expected.
Ingestion	Not intended for ingestion but adverse effects are expected from swallowing small amounts. Large amounts may cause intestinal blockage.
Inhalation	Inhalation of dust may cause irritation to the eyes, nose, throat and respiratory tract.
Chronic Effects	Inhalation of excessive concentrations of any dust, including this material, may lead to lung injury. This product contains crystalline silica. Excessive inhalation of respirable crystalline silica may cause silicosis, a progressive, disabling and fatal disease of the lung. Symptoms may include cough, shortness of breath, wheezing and reduced pulmonary function. Adverse effects would not be expected from normal use of this product as directed on the package labeling.
Carcinogenicity	IARC, in Monograph 100C, has concluded that crystalline silica inhaled in the form of respirable quartz is carcinogenic to humans (Group 1). Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs. The National Toxicology Program (NTP) classifies crystalline silica as a known human carcinogen. Applications and exposure data indicate that exposure to respirable quartz in this product with normal use is well below the OSHA Permissible Exposure Limit (PEL) and ACGIH Threshold Limit Value (TLV). The manufacturer is not aware of any scientific or medical data available indicating that exposure to respirable crystalline silica from this product under conditions of normal use as directed, will cause silicosis or cancer. The State of California Office of Environmental Health Hazard Assessment granted a Safe Use Determination for respirable crystalline silica in packaged sorptive mineral-based pet litter, pursuant to its authority under Section 12104 of Title 22 of the California Code of Regulations (June 1999).
Acute Toxicity Values	Ingredients are not acutely toxic.

12. ECOLOGICAL INFORMATION

Ecotoxicity	No toxicity is expected.
Persistence and Degradability	Non-biodegradable, inert.
Bioaccumulative Potential	Little potential for bioaccumulation.
Mobility in Soil	No mobility.
Other Adverse Effects	None known.

13. DISPOSAL CONSIDERATIONS

Waste Disposal If this material as supplied becomes a waste, use solid waste disposal common to landfill type operations or in slurry to sumps. Not considered a hazardous waste under RCRA (40CFR Part 261) as sold. Used product may contain hazardous, flammable, toxic or corrosive materials and must be evaluated for their properties before disposal. Used product may require special handling and disposal under federal RCRA, state or local regulations.

Packaging Disposal Dispose of in accordance with applicable laws and regulations.

14. TRANSPORT INFORMATION

Basic Shipping Information Not regulated for transport.

Additional Information No special requirements or placarding necessary.

15. REGULATORY INFORMATION

U.S. FEDERAL:

TSCA Montmorillonite and Quartz appear on the EPA TSCA inventory list.

CERCLA Montmorillonite is not classified as a hazardous substance under regulations of the Comprehensive Environmental Response Compensation and Liability Act (CERCLA), 40 CFR 302.

SARA Title III Not listed


California Proposition 65 This product contains crystalline silica, a chemical known to the State of California to cause cancer.

INTERNATIONAL:

WHMIS Classification Class D-2-A

WHMIS Ingredient Disclosure List Silica, crystalline, quartz

16. OTHER INFORMATION

NFPA  4-Extreme
3-High
2-Moderate
1-Slight
0-Insignificant

HMIS 0* Health
0* Flammability
0* Reactivity
E Protective Equipment

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet