



Issuing Date January 5, 2015

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name Cat Litter

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended use Cat litter

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Address

Prairie Mud Service
738 6th Street
Estevan, Sk
306-634-3411

Emergency telephone number

Emergency Phone Numbers

For Medical Emergencies, call: 1-800-446-1014
For Transportation Emergencies, call Chemtrec: 1-800-424-9300

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	Trade Secret
Bentonite	1302-78-9	70 - 90	*
Limestone	1317-65-3	10 - 25	*
Crystalline silica (quartz)	14808-60-7	< 6	*
Sodium tetraborate pentahydrate	12179-04-3	0.1 - 1	*

* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

General Advice	Show this safety data sheet to the doctor in attendance.
Eye Contact	Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
Skin Contact	Rinse skin with plenty of water. If irritation persists, call a doctor.
Inhalation	Move to fresh air. If breathing problems develop, call a doctor.
Ingestion	Drink a glassful of water. Call a doctor or poison control center.
Protection of First-aiders	Avoid contact with skin, eyes, and clothing. Use personal protective equipment as required. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects	May cause slight eye irritation. Inhalation of dust may irritate nose and throat.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Not flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

None known.

Specific Hazards Arising from the Chemical

Not flammable. None known.

Explosion Data

Sensitivity to Mechanical Impact	None.
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Sensitivity to Static Discharge	None.
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Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Avoid contact with eyes, skin, and clothing. Ensure adequate ventilation. Use personal protective equipment as required.
Other Information	Refer to protective measures listed in Sections 7 and 8.

Environmental precautions

Environmental Precautions	See Section 12 for ecological Information.
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Methods and material for containment and cleaning up

Methods for Containment	Prevent further spillage if safe to do so.
Methods for Cleaning Up	Vacuum sweep, if possible, to avoid generating airborne dust. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes, and clothing. Do not eat, drink, or smoke when using this product.
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Conditions for safe storage, including any incompatibilities

Storage	Store in a dry area.
Incompatible Products	None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Bentonite 1302-78-9	None	None	None
Limestone 1317-65-3	None	TWA - 15 mg/m ³ (total dust) TWA - 5 mg/m ³ (respirable fraction)	TWA - 15 mg/m ³ (total dust) TWA - 5 mg/m ³ (respirable dust)
Crystalline silica (quartz) 14808-60-7	TWA - 0.025 mg/m ³ (respirable fraction)	TWA - 30/(%SiO ₂ + 2) mg/m ³ (total dust) TWA - 10/(%SiO ₂ + 2) mg/m ³ (respirable fraction)	IDLH - 50 mg/m ³ (respirable dust) TWA - 0.05 mg/m ³ (respirable dust)
Sodium tetraborate pentahydrate 12179-04-3	STEL - 6 mg/m ³ (inhalable fraction) ^a STEL - 2 mg/m ³ (inhalable fraction) ^a ^a Listed under borate compounds, inorganic	None	TWA - 1 mg/m ³

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Appropriate engineering controls

Engineering Measures	Showers Eyewash stations Ventilation systems
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Individual protection measures, such as personal protective equipment

Eye/Face Protection	Wear safety glasses.
Skin and Body Protection	Wear rubber or neoprene gloves.
Respiratory Protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES**Physical and Chemical Properties**

Physical State	Dry solid	Odor	Aromatic, floral, lemongrass
Appearance	Granular	Odor Threshold	No information available
Color	Gray and white granules with purple speckles and green speckles		

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
pH	Not applicable	None known
Melting/freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	Not flammable	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air		
Upper flammability limit	No data available	None known
Lower flammability limit	No data available	None known
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Bulk density	~1.1 g/cm ³	None known
Water Solubility	Insoluble in water	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive Properties	Not explosive	
Oxidizing Properties	No data available	

Other Information

Softening Point	No data available
VOC Content (%)	No data available
Particle Size	No data available
Particle Size Distribution	No data available

10. STABILITY AND REACTIVITY

Reactivity

None known.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

None known.

Incompatible materials

None known.

Hazardous Decomposition Products

None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Inhalation may irritate respiratory tract.
Eye Contact	Dust may cause temporary eye irritation.
Skin Contact	Minor or no effects expected.
Ingestion	Minor or no effects expected.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Bentonite 1302-78-9	>5 g/kg (Rat)	-	-
Quartz 14808-60-7	0.5 g/kg (Rat)		
Sodium tetraborate pentahydrate 12179-04-3	2.4 g/kg (Rat)	>2 g/kg (Rabbit)	-

Information on toxicological effects

Symptoms May cause redness and tearing of the eyes. Inhalation may irritate respiratory tract.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

Mutagenic Effects No information available.

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Crystalline silica (quartz) 14808-60-7	A2	Group 1	Known	X

ACGIH: (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

IARC: (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

NTP: (National Toxicology Program)

Known - Known Carcinogen

OSHA: (Occupational Safety & Health Administration)

X - Present

Reproductive Toxicity

Contains a known or suspected reproductive toxin (sodium tetraborate pentahydrate).

STOT - single exposure

No information available.

**STOT - repeated exposure
Chronic Toxicity**

No information available.

Contains a known or suspected carcinogen. Contains a known or suspected reproductive toxin. Possible risk of irreversible effects. Bentonite contains naturally occurring crystalline silica. Crystalline silica (quartz) has been classified by the International Agency for Research on Cancer (IARC) as a known human carcinogen (Group 1).

Target Organ Effects

Respiratory system, reproductive system, respiratory system, eyes.

Aspiration Hazard

Not an aspiration hazard.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document

No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

Used cat litter is not recommended for use in the garden.

13. DISPOSAL CONSIDERATIONS

Disposal methods

Reclaim, if possible, since material may be used as an absorbent for liquid spills. Dispose of in accordance with all applicable federal, state, and local regulations.

Contaminated Packaging

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

14. TRANSPORT INFORMATION

DOT Not regulated.
TDG Not regulated.
ICAO Not regulated.
IATA Not regulated.
IMDG/IMO Not regulated.

15. REGULATORY INFORMATION

Chemical Inventories

TSCA All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.
DSL/NDSL All components are on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

SARA 313
 Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any substances that are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemical.

Chemical Name	California Proposition 65
Crystalline silica (airborne particles of respirable size)	Cancer

