



DATE OF ISSUE: November 25, 2021

SAFETY DATA SHEET

Annelida Organics, Nisku, AB

Section 1 - IDENTIFICATION

Product Identification:

PETSPOT PLUS REPAIR

Description:

PETSPOT PLUS REPAIR is a product comprised of all natural / non-chemical components, and is used for remediation and repair (re-growth) of small grassy areas.

Formula / Ingredients:

Worm Castings
Worm Casting Liquid Extract (ANNEMAXX AG – MA1)
Biochar
Soft Rock Phosphate
Volcanic Rock Powder
Mycorrhizal Fungi
Grass Seed

Product Use: PETSPOT PLUS REPAIR is a soil supplement that can be applied as a top dressing and reseeded to aid in repair of small areas of lawns that are damaged from winter-kill and pet urine spots.

Company Identification:

ANNELIDA Organics
904 9th Avenue
Nisku, Alberta, T9E 1C8
Canada
1-780-777-WORM

Section 2 - HAZARDS IDENTIFICATION

A. Contains Worm Castings

GHS Classification	Not classified
GHS Symbol	None
GHS Signal Word	None
Hazard Statements	N/A
Precautionary Statement:	N/A
OSHA Hazards:	This material is not considered hazardous by OSHA.
Other Hazards:	Exposure to the fine dust produced by this material may cause eye, nose and throat irritation.

B. ANNEMAXX AG – MA1

Classification	Not classified. This product is not considered to be hazardous nor to contain hazardous chemicals based on laboratory tests performed by the provider.
Hazard Statement	Inhalation of aerosol may cause irritation to the nose, throat, and lungs. Continued exposure may cause irritation. Exposure may irritate eyes and impair vision. Expected to be a low ingestion hazard. Seek medical attention if symptoms develop. Not considered carcinogenic. Prolonged inhalation may cause chronic effects. Prolonged inhalation may be harmful. Seek medical attention if symptoms develop.
Precautionary Statements	Keep out of reach of children.
Other Hazards	None known.

C. Contains Biochar

When looking at classifications of hazards this chemical meets you will see category numbers to tell how severe the hazard is. The numbering starts at 1 (most hazardous) and ends at 5 (least hazardous). The lower the number or letter, the more severe the hazard.

CLASSIFICATIONS

Flammable Wood – Category 5
Aspiration Hazard – Category 4
Carcinogenicity – Category 5
Specific Target Organ Toxicity (Repeated Exposure) – Category 5
Specific Target Organ Toxicity (Single Exposure) – Category 5
Skin Irritation – Category 5
Eye Irritation – Category 5
Chronic Aquatic Toxicity – Category 5

D. Contains Micronized Soft Rock Phosphate

Classification	This product is not considered to be hazardous based on laboratory tests performed by the provider.
Hazard Statement	May cause eye irritation. May cause irritation of the respiratory tract if inhaled. May cause lung damage if dust is inhaled on a regular basis due to silica content. May cause irritation from prolonged contact with skin. Not known to be toxic if ingested.
Precautionary Statements	Keep out of reach of children.
Other Hazards	None known.

Prevention	Do not handle until all safety precautions have been read and understood. Do not breathe dust. Wash thoroughly after handling. Do not eat, drink, or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.
Response	If exposed or concerned, seek medical attention/advice.
Storage	Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Other Hazards	None known.
Supplemental Information	None.

E. Contains Volcanic Rock Powder

Hazardous Ingredients	Crystalline Silica (Quartz)
CAS Number	14808-60-7
Recommended Restrictions	Workers and customers or users should be informed of the presence of respirable dust and respirable crystalline silica as well as their potential hazards. Appropriate training in proper use and handling of this material should be provided as required under applicable regulations.
Physical Hazards	Not classified
Health Hazards	Carcinogenicity Category 1A Specific target organ toxicity following repeated exposure Category 1A
Hazard Statement	May cause cancer. Causes damage to organs through prolonged or repeated exposure.
Precautionary Statement	
Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust. Wash thoroughly after handling. Do not eat, drink, or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection/breathing protection.
Response	If exposed or concerned, seek medical attention/advice.
Storage	Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Other Hazards	None known.
Supplemental Information	None.

F. Mycorrhizal Fungi

OSHA Regulatory Status	Hazard Communication Standard (29 CFR 1910.1200)
Classification	Single Exposure – Category 3
Prevention Statements	Avoid Breathing Dust. Use outdoors or in a well-ventilated area.
Response Statements	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Storage	Store in a dry area.
Disposal	Dispose of contents/container in accordance with local/regional/international regulations.

G. Grass Seed

Classification	Not classified. This product is not considered to be hazardous nor to contain hazardous chemicals based on laboratory tests performed by the provider.
Hazard Statement	Do not ingest.
Precautionary Statements	Keep out of reach of children.
Other Hazards	None known.

Section 3 – COMPOSITION

A. Contains Worm Castings

Physical State	Solid
Odor	Slightly earthy and rich
Appearance	Blackish/brown

B. Contains ANNEMAXX AG – MA1

Physical State	Liquid
Odor	None
Appearance	Liquid with a slight brown tinge. Partially transparent.

C. Contains Biochar

Main Ingredient	Pyrolysis of Pine/Spruce Wood Chips
Ingredient	Wood chip based Carbon >94%, Water <6%
ACGIH TLV-TWA	10mg/m3
ACGIH STEL	15mg/m3
OSHA PEL	5mg/m3

D. Contains Micronized Soft Rock Phosphate

Main Ingredient	Phosphate rock (organic rock phosphate)
Appearance	Brown crushed rock

E. Contains Volcanic Rock Powder

Physical State	Solid
Odor and Appearance	Headlap: Black particles with a mild petroleum odour. Sand and Filler: Grey particles with no odour.
pH	Slightly basic
Vapour Density	Not applicable
Vapour Pressure	Not applicable
Evaporation Rate	Not applicable
Boiling Point	Not applicable
Freezing Point	Not applicable

F. Contains Mycorrhizal Fungi

Physical State	Solid
Main Ingredient	Fullers Earth (Attapulgit-type-clay)
CAS #	8031-18-3
Concentration	>=96 %
Proprietary – Trade Secret	<=4%

G. Contains Grass Seed

Physical State	Solid
Main Ingredients	Lawngrass Mixture: Blue Bonnet Kentucky Bluegrass, Creeping Red Fescue, Diploid Annual Rye Grass
CAS #	None.

Section 4 – FIRST AID MEASURES – applicable to PETSPOT PLUS REPAIR

Inhalation	Move to fresh air. May produce allergenic response in sensitive individuals. Seek medical attention if symptoms develop or persist.
Skin Contact	Wash with soap and water. Seek medical attention if irritation develops or persists.
Eye Contact	Do not rub eyes. Rinse with water. Remove contact lenses. Seek medical attention if symptoms develop or persist.
Ingestion	Rinse mouth. Immediately dilute by drinking large quantities of water. Seek medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed	Dust may irritate the respiratory tract, skin, and eyes. Coughing. Keep victim under observation. Symptoms may be delayed. Prolonged and/or repeated exposure via inhalation may result in progressive and permanent lung disorders and damage. Dust has been related to silicosis.
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Section 5 – FIRE FIGHTING MEASURES – applicable to PETSPOT PLUS REPAIR

Flammability	Not considered a fire hazard.
Flash Point	Not applicable.
Means of Extinction	Use media appropriate for surrounding fire.
Special Procedures	Use protective clothing and breathing equipment appropriate for surrounding fire.

Section 6 – ACCIDENTAL RELEASE MEASURES – applicable to PETSPOT PLUS REPAIR

Steps to be taken in the event material is released or spilled	Sweep up or vacuum up spills for recovery or disposal. A dust respirator may be required during cleanup.
Waste Disposal	Dispose in accordance with federal, provincial, state and/or local regulations.
Environmental Precaution	Do not discharge product into streams, ponds, estuaries, oceans, or other waters.

Section 7 – STORAGE AND HANDLING – applicable to PETSPOT PLUS REPAIR

Personal Protective Equipment	Rubber gloves recommended. Goggles or safety glasses recommended. Air purifying respirator recommended for prolonged exposures to product and when working in dusty environments.
Other Protective Equipment	As appropriate to prevent bodily contact.
Storage	Store in cool, dry locations away from direct sunlight.

Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

As PETSPOT PLUS REPAIR Product is a blend of several components, the following controls are recommended for personal protection.

Occupational Exposure Limits	Components may be regulated by specific Canadian provincial legislation. Refer to exposure limits legislated for the province in which substance will be used.
US ACGIH Threshold Limit Values	
Components	Silica, Crystalline Quartz (CAS 14808-60-7)
Type	TWA
Value	0.025 mg/m ³
FORM	Respirable fraction
Biological Exposure Limits	None noted
Exposure Guidelines	Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled.

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES – applicable to PETSPOT PLUS REPAIR

Physical State	Solid
Appearance	
And Odor	Black granules of varying size, 0-3mm, minimal odor
Bulk Density	0.76 kg/Litre
Boiling Point	Not applicable
Melting Point	Not applicable
Vapour Pressure (mm of mercury)	Does not form a vapour
Percent Volatile	N/A
pH	Unknown
Water Solubility	Slightly soluble in water

Section 10 – REACTIVITY – applicable to PETSPOT PLUS REPAIR

Stability	Product is stable and non-reactive under normal conditions of use, storage, and transport.
Possibility of Dangerous Reactions	No dangerous reactions known under conditions of normal use.

Section 11 – TOXICOLOGICAL INFORMATION – applicable to PETSPOT PLUS REPAIR

Inhalation	Airborne respirable dust may cause irritation to the nose, throat, and lungs. Causes damage to organs, including silicosis through prolonged or repeated exposure.
Skin Contact	Dust or powder may irritate skin.
Eye Contact	Dust may irritate eyes and impair vision.
Ingestion	Expected to be a low ingestion hazard.
Carcinogenicity	May cause cancer through prolonged or repeated inhalation of respirable dust particles. In 1997, IARC (the International Agency for Research on Cancer) concluded that crystalline silica inhaled from occupational sources can cause lung cancer in humans. IARC noted that "carcinogenicity was not detected in all industrial circumstances studied. Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs." In June 2003, SCOEL (the EU Scientific Committee on Occupational Exposure Limits) concluded that the main effect in humans of the inhalation of respirable crystalline silica dust is silicosis. "There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis (and, apparently, not in employees without silicosis exposed to silica dust in quarries and in the ceramic industry). Therefore, preventing the onset of silicosis will also reduce the cancer risk ..." Occupational exposure to respirable dust and crystalline silica should be monitored and controlled.

ACGIH Carcinogens	Silica, Crystalline Quartz (CAS 14808-60-7) A2 Suspected human carcinogen
IARC Monographs. Overall Evaluation of Carcinogenicity	Silica, Crystalline Quartz (CAS 14808-60-7) 1 Carcinogenic to humans
Germ Cell Mutagenicity	No data available.
Reproductive Toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity – single exposure	Not classified.
Specific target organ toxicity – repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Aspiration Hazard	Not an aspiration hazard.
Chronic Effects	Prolonged inhalation may cause chronic effects. Prolonged inhalation may be harmful. Causes damage to organs through prolonged or repeated exposure.

Section 12 – ECOLOGICAL INFORMATION – applicable to PETSPOt PLUS REPAIR

Ecotoxicity	This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect of the environment. Namely, into waterways: streams, ponds, estuaries, oceans, or other waters.
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, endocrine disruption, global warming potential) are expected from this product.

Section 13 – DISPOSAL CONSIDERATIONS – applicable to PETSPOt PLUS REPAIR

Disposal Instructions	Collect and reuse. Or collect and dispose in accordance with local/regional/national/international regulations.
Hazardous Waste	This product is not deemed to be hazardous waste.

Section 14 – TRANSPORT INFORMATION – applicable to PETSPOt PLUS REPAIR

TDG	This product is not regulated as dangerous goods.
IATA	This product is not regulated as dangerous goods.
IMDG	This product is not regulated as dangerous goods.

Section 15 – REGULATORY INFORMATION – applicable to PETSPOt PLUS REPAIR

Canadian Regulations	This product is not considered a regulated product in Canada.
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Section 16 – OTHER INFORMATION – applicable to PETSPOt PLUS REPAIR

Issue Date	November 25, 2021
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Version No.	1.0
Disclaimer	The information contained herein is based on data available to us, and is believed to be true and accurate. However, no guarantee or warranty is provided, expressed, or implied by the company or its subsidiaries regarding accuracy of the information, the hazards connected with the use of the material, or the results to be obtained from the use thereof. Since the use of this product is within the exclusive control of the user, we do not assume any responsibility to determine the conditions of safe use, storage, and disposal of the product. Compliance with all appropriate federal, provincial, state, and local regulators remains the responsibility of the user.

Contact Information

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