

NEW WASTE CONCEPTS, INC.
26624 Glenwood Rd.
Perrysburg, Ohio 43551

MSDS MANURE DEGRADER PLUS (MDP)

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1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Identification of the substance or preparation:

Commercial product name: Manure Degrader Plus
Use of Substance/preparation: Industrial
Odor Control material

DOT class: Not regulated
UN Number: NA

HMIS RATEING AND CANADIAN WHMIS CLASSIFICATION

HEALTH 1 CANADIAN WHMIS CLASSIFICATION: D2B
FIRE 0
REACTIVITY 0

(Used with other NWCI products as a reinforcing additive for improved performance)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization (substance):

Information on ingredients:

Type	Cas No.	OSHA PEL	ACGIH TLV/TWA
Viable Bacterial Cultures	NA	NA	NA
Wheat Brand	116469-86-4	NA	NA
Sodium Nitrate	7631-99-4	NA	NA

3. Physical Characteristics

3.1 Appearance

Physical state / form..... solid – powder
Color..... tan free flowing powder
Odor..... earthy odor

9.2 Safety parameters

Bulk density..... 0.66-0.77 gm/cm3
Water solubility / miscibility..... slightly
PH – Value..... 6.5-8.5

3.2 Health Overview and potential hazards

Acute health effects

Route of entry or possible contact:

Eyes, skin, inhalation (in case of dust formation)

Eye contact

May cause eye irritation.

Skin contact:

Mild irritation effects are expected

Inhalation

Inhaling dust could cause irritation to mouth and mucus membranes.

Ingestion:

Ingesting this product could cause irritation to mouth and throat or cause choking.

3.3 Further information:

Chronic health effects:

None known.

Medical conditions, which may be aggravated by exposure:

None known however people with known respiratory problems should avoid breathing this product.

4. FIRST AID MEASURES

4.1 General information:

In cases of sickness, seek medical advise.

4.2 After inhalation:

If inhaled, remove to fresh air, keep the victim lying down and restful. If breathing problems develop seek medical advice.

4.3 After contact with the skin:

If contact with the skin, wash skin with plenty of water or with water and soap. Get medical attention if symptoms occur.

4.4 After contact with the eyes:

If contact with eyes, immediately flush eyes with plenty of water for 15 minutes. Get medical attention.

4.5 After swallowing:

If swallowed, do not induce vomiting. If choking keep airway clear. Get medical attention asap.

5. FIRE FIGHTING MEASURES

5.1 Flammable properties

Flash point.....: not applicable

Lower explosion limit (LEL).....: not known

Autoignition temperature.....: not known

5.2 Fire and explosion hazards:

Dust may form explosive mixture with air.

5.3 Recommended extinguishing media:

Water-spray jet, water-mist, carbon dioxide, dry chemical or foam-type extinguishing media.

5.4 Special fire fighting procedures:

none

6. ACCIDENTAL RELEASE MEASURES

6.1 Precautions:

Avoid dust formation. Do not breathe dust.

6.2 Containment:

Cover any spilled material in accordance with regulations to prevent dispersal by wind. Spills of material which could reach surface waters must be reported to the United States Coast Guard National Response center's toll free number (800) 424-8802.

6.3 Methods for Cleaning up:

Take up mechanically and dispose of according to local/state/federal regulations.

6.4 Further Information:

Eliminate all sources of ignition. Observe notes under section 7.

7. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Engineering controls

Ventilation:

Use with adequate ventilation local exhaust should be enough.

8.2 Personal protection equipment (PPE)

Respiratory protection:

In case of dust formation use a NIOSH approved respirator for: fine dust.

Hand protection:

Recommendation: rubber gloves

Eye Protection:

Tight fitting chemical safety glasses with side shields.

Other protective clothing or equipment:

Recommendation in case of dust formation: antistatic clothing and shoes.

8.3 General hygiene and protection measures:

Avoid breathing dust/vapor/mist/gas/aerosol. Do not eat, drink or smoke when handling. Wash thoroughly after handling.

8. STABILITY AND REACTIVITY

10.0 General information:

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

10.1 Conditions to avoid:

none known.

10.2 Materials to avoid:

none known

10.3 Hazardous decomposition products:

If stored and handled in accordance with standard industrial practices and local regulations where applicable: none known. At increased temperature: acetic acid.

10.4 Further information

Hazardous polymerization cannot occur.

9. Leak or spill considerations:

13.1 Product disposal

Recommendation:

Collect all material together and try to reuse is possible. Observe local/state and federal regulations for product disposal.

Storage

Precautions to be taken in handling and storage: Keep away from children, food items and potable water.

Store in an area outside out of direct sunlight. Keep container closed when not in use. Avoid storing in a damp environment.

Always clean up with soap and water after use.

Other Precautions:

None