



SAFETY DATA SHEET (SDS)

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: CowPots

Other mean of identification: None

Recommended use: Use in horticulture as a biodegradable container

Restriction on use: None / Not applicable

Manufacturer: CowPots, LLC

324-6 Norfolk Road

East Canaan, CT 06024

Tel: 860-824-7520

www.cowpots.com

contact@cowpots.com

Supplier for USA: CowPots, LLC

324-6 Norfolk Road

East Canaan, CT 06024

Tel: 1 (860) 824-7520

www.cowpots.com

contact@cowpots.com

Retail Supplier for USA: Summit Responsible Solutions

235 S Kresson St

Baltimore, MD 21224

Tel: 410-522-0661

www.summitchemical.com

bstengel@summitchemical.com

Supplier for Canada: Earth Alive Clean Technologies Inc.

1050 Côte du Beaver Hall, Suite 1560

Montréal (Québec) H2Z 1S4

Tel: +1(438) 333-1680

www.earthalivect.com/agriculture/cowpots/

mdagenais@earthalivect.com

Emergency telephone number: 860-824-7520

Restriction on the use of the emergency telephone number: None / Not applicable

SECTION 2. HAZARD IDENTIFICATION

Hazard classification: This material is not considered hazardous according to the OSHA Hazard Communication Standard or Globally Harmonized System of Hazard Classification and Labelling System.

Label element:

Pictogram: None / Not applicable

Signal word: None / Not applicable

Hazard statement: None / Not applicable

Precautionary statement: None / Not applicable

Other hazard: This product is not classified as hazardous under normal conditions of use and storage. Exposure to particulate and dust may occur during handling and can cause irritation to the respiratory system. Contact with eyes and skin may cause irritation.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient: Processed bovine cow manure

Concentration: 70-90 %

Ingredient: Recycled cellulose supplements

Concentration: 30-10 %

Identity Information: Processed Manure Product that meets USDA processing standards NOP 5006 Processed Animal Manures Rev1 07 22 11

CAS No.: Not applicable

EC No.: Not applicable

SECTION 4. FIRST-AID MEASURES

First-aid measure by route of exposure:

Inhalation: Remove to fresh air and support. Dust can be created from the dry handling of the pots and it is recommended that a user either handle them in a manner that minimizes airborne dust or else use personal respirators qualified for nuisance dust.

Skin contact: CowPots can have a rough surface that may cause skin abrasion or wear if they are handled in large quantities, and it is suggested that appropriate gloves be used for skin protection. It is recommended that people wash their hands after handling CowPots before they participate in food handling or eating.

Eye contact: Flush with warm water for at least 15 minutes. Obtain medical attention in all cases should irritation or inflammation of the eye occur.

Ingestion: CowPots recommends that the pots not be ingested or be given to small children who might inadvertently ingest them. Should CowPots be inadvertently ingested, no emergency action is required but the person should be observed for 24 hours for intestinal irritation or distress. Medical help should be obtained should any symptoms appear.

Ingestion by animals: Though not hazardous to animals CowPots recommends that the pots not be ingested. Should CowPots be inadvertently ingested by animals, no

emergency action is required but should be observed for irritation or distress. Veterinary assistance should be obtained should any symptoms appear.

Most important symptoms and effects (acute or delayed):

Inhalation: May cause irritation to nose, throat and lungs which may cause coughing, sneezing and minor upper respiratory tract irritation, typical of nuisance dust exposure.

Skin contact: Not expected to cause harmful effect.

Eye contact: May cause redness or eye irritation.

Ingestion: Adverse health effect are not expected if swallowed. Seek medical help if adverse symptoms occur.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water spray.

Unsuitable extinguishing media: Not applicable.

Specific hazards arising from media: Use a mist spray instead of a direct jet spray to prevent burning CowPot to be scattered all over the place.

Special protective equipment and precautions for fire-fighters: Wear self-contained breathing apparatus. Remove from area of fire at first opportunity. (Follow practices used for wood and paper fire).

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precaution: Provide adequate ventilation.

Protective equipment:

Eye Protection: Appropriate safety glasses and face shield.

Protective Gloves: Not required for normal use. If prolonged or repeated use and irritated skin occurs, use appropriate rubber, fabric or leather gloves.

Respirator: Not generally required. If dust level is high, use a combination of good ventilation with personal protection to reduce exposure to acceptable level.

Environmental precautions: Carefully and promptly clean up the spilled material and place the material into suitable containers and hold for reuse or disposal. Disposal of CowPots is most appropriate in garden or flower bed or any other method that returns them to the humus soil. Prevent run-off into drains and waterways.

Emergency procedure: Avoid dusting or misting conditions during cleanup. If material is uncontaminated, collect and reuse as recommended for product. If contaminated, put in appropriate container and dispose in accordance with federal, state and local regulation covering the disposal of composted manure. Do not allow to enter into drinking water sources, surface waters or drains.

Methods and materials for containment and cleaning up: Use protective equipment with shovel. Avoid sweeping to limit dried airborne manure dust. Wash spill area with water.

Reference to other sections: Use information obtained throughout this SDS to be fully prepared in case of accidental release.

SECTION 7. HANDLING AND STORAGE

Precaution for safe handling: Avoid generation of dust, provide adequate ventilation and use protective equipment.

Condition for safe storage (including incompatible materials): Store in a cool, dry area away from incompatible material, heat source and open flames. Store away from feed and foodstuffs as well as household cleaning product. Keep out of reach of children.

Other Precautions: Do not eat, drink or smoke while handling. It is recommended that people wash their hands after handling CowPots before they participate in food handling or eating.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters, including occupational exposure guidelines or biological exposure limits and the source of those values:

Exposure guidelines to nuisance dust:

OSHA – PEL = 15 mg/m³ (total) and 5 mg/m³ (breathable)

ACGIH TLV = 10 mg/m³ (total) and 3 mg/m³ (breathable)

NIOSH = 10 mg/m³ (total) and 5 mg/m³ (breathable)

Derived No-Effect Level (DNEL): Not applicable

Appropriate engineering controls: Ventilation to prevent buildup of dust and safety station with running water in case materials gets into eyes.

Individual protective measures:

Eye Protection: Appropriate safety glasses and face shield.

Gloves: Not required for normal use. If prolonged or repeated use and irritated skin occurs, use appropriate rubber, fabric or leather gloves.

Respirator: Not generally required. If dust level is high, use a combination of good ventilation with personal protection to reduce exposure to acceptable level.

Hygiene: Always wash hands with soap and water after handling this product. Protect, cover and keep any open wounds clean.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Fiber board with traces of plant fiber bundles. Formed in round and square pot sizes.

Color: Light to dark brown

Odour: Typical smell of natural top soil

Odour threshold: Not applicable

pH: 7-8

Melting point: Not applicable

Freezing point: Not applicable

Initial boiling point: Not applicable

Boiling range: Not applicable

Flash point: Not applicable

Evaporation rate: Not applicable

Flammability: Slightly to moderate

Lower flammable / explosive limits: Not applicable

Upper flammable / explosive limits: Not applicable
Vapour pressure: Not applicable
Vapour density: Not applicable
Relative density: Not evaluated
Solubility: Negligible
Partition coefficient – n-octanol/water: Not applicable
Auto-ignition temperature: Not available
Decomposition temperature: Not available
Viscosity: Not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Stable under normal condition
Chemical stability: Stable under normal condition
Possibility of hazardous reactions: Not applicable
Condition to avoid: Open flame or extreme heat can start a fire
Hot and wet/moist environment can generate mold
Incompatible material: Not applicable
Hazardous decomposition material: Highly improbable
Hazardous Polymerization: Will not occur

SECTION 11. TOXICOLOGICAL INFORMATION

Likely routes of exposure: Eyes and skin contact and inhalation are the most probable routes of exposure. Ingestion is not likely to happen during normal uses.

Symptoms related to the physical, chemical and toxicological characteristics:

Inhalation: May cause irritation to nose, throat and lungs which may cause coughing, sneezing.

Skin contact: Not expected to cause harmful effect. Long term exposure might cause dryness/irritation of the skin.

Eye contact: May cause redness or eye irritation.

Ingestion: Not considered harmful by ingestion.

Delayed and immediate effects, and chronic effects from short-term and long-term exposure:

Eyes effects: Contact with eyes may cause irritation or redness.

Skin effects: Short term exposure to the skin will most probably have no effect. Long term exposure or repetitive exposure might cause skin irritation or skin dryness.

Inhalation: Short-term exposure might cause irritation of the respiratory system, inducing sneezing and coughing. No data is available for long-term exposure, but no health injuries are expected.

Ingestion: Not considered harmful by ingestion

Chronic toxicity: Not classified as carcinogenic or no known carcinogenic effect by IARC (International Agency for Research on Cancer), OSHA (Occupational Safety and Health Administration), NTP (National Toxicology Program) nor WHO (World Health Organization)

Component Carcinogenicity: This product is not a known or suspected carcinogen.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: No known effect. Avoid contaminated water run-off into aquatic environments.

Persistence and degradability: Biodegradable

Bioaccumulative potential: Not applicable

Mobility in soil: No data available

Other adverse effect: Might cause sedimentation in water course

SECTION 13. DISPOSAL CONSIDERATION

Not considered hazardous waste. Follow local regulations for use or disposal that would apply to fully composted cow manure.

SECTION 14. TRANSPORT INFORMATION

CowPots is not classified as hazardous product or Dangerous Goods.

SECTION 15. REGULATORY INFORMATION

US Federal Regulations

General Product Information: No component is listed on the U.S. EPA TSCA Inventory List.

Component Analysis: Components of this product are not listed as hazardous under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

State Regulations

General Product Information: Other state regulations may apply such as application and disposal. Check individual state requirements.

California Prop. 65 Components: This product contains no chemicals known to the State of California to cause cancer or reproductive toxicity.

SECTION 16. OTHER INFORMATION

The information contained in this SDS is reliable and complete to the best of our knowledge. However, this information is not a guarantee or warranty of any kind and the user cannot make CowPots, LLC liable nor responsible for any damages, losses, injuries or other damages of any kind resulting from the use of this product. It is the user's responsibility to enquiry on the pertinence of this information and to keep informed on health and safety issues related to the use of this product. It is also the user's responsibility to comply with all applicable national, federal, state, provincial and local laws and regulations. For more information, visit www.cowpots.com