



BioWorks®

Verdanta® GM-2 7-6-12

SAFETY DATA SHEET

1. Identification

Product Identifier: Verdanta® GM-2 7-6-12
Recommended use: Fertilizer

Manufacturer: De Ceuster Meststoffen n.v. (DCM)
Address: Bannerlaan 79
B – 2280 Grobbendonk BELGIUM
Telephone: 1.530.750.0150

Distributor: BioWorks, Inc.
Address: 100 Rawson Road, Suite 205
Victor, New York 14564, USA
Telephone: 1.800.877.9443

Emergency Phone: (CHEMTREC) In USA call CHEMTREC 24-hour toll-free hotline at 1.800.424.9300
Outside USA, call 1.703.527.3887 (collect calls accepted)

2. Hazards identification

GHS hazard classification: Not classified
Unclassified hazards: None
Percentage of ingredients with unknown toxicity: 0%

3. Composition / information on ingredients

Substance name	Contents	CAS No
Potassium nitrate	Between 5 and 10%	7757-79-1

The specific percentage of composition has been withheld as a trade secret.

4. First aid measures

First aid measures

- **Inhalation:** Inhalation not likely.
- **Skin contact:** Wash skin with mild soap and plenty of water.
- **Eye contact:** In case of eye contact, rinse with clean water for 10-15 minutes.
- **Ingestion:** Rinse mouth. Seek medical attention and show packaging, label or this SDS.

Most important symptoms (acute and delayed): None known.

Immediate medical attention Required: Not applicable. Follow first aid measures above.

5. Fire-fighting measures

- **Suitable extinguishing media:** All extinguishing media can be used.
- **Specific hazards arising from chemical:** Carbon oxides
- **Special procedures:** Exercise caution when fighting any chemical fire.
- **Special protective equipment for fire fighters:** Do not enter fire area without proper protective equipment, including respiratory protection.

6. Accidental release measures

- **Personal precautions:** Follow personal protection advice in Section 8.
- **Methods and materials containment and cleaning up:** Clean up with brush, shovel or vacuum cleaner. Dispose in a safe manner in accordance with local / national regulations.



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7. Handling and storage

- **Handling:** Do not eat or drink the product. Do not use as animal feed.
Do not eat, drink or smoke while using this product.
Wash and dry hands and other exposed areas with mild soap and plenty of water before eating, drinking or smoking and when leaving work.
- **Storage:** Keep away from food, drink and animal feeding stuffs.
Store in dry, cool, well-ventilated area.
Keep out of reach of children and pets.
Store in original packing. Close packing tightly after use.

8. Exposure controls / personal protection

- **Exposure limits:** None established.
- **Engineering controls:** None required.
- **Respiratory protection:** Respiratory protection is not required under normal use.
- **Skin protection:** Not required.
- **Eye protection:** Eye protection is not required under normal use.
- **Hand protection:** Not required.
- **Ingestion:** Do not eat or drink the product. Do not use as animal feed.
When using, do not eat, drink or smoke.

9. Physical and chemical properties

- **Physical state:** MINIGRAN = microgranules with dimensions between 800 and 2500 microns, of which at least 80 % between 1000 and 2000 microns.
- **Color:** Brown.
- **Odor:** Characteristic.
- **Odor threshold:** Not determined.
- **pH:** Not determined.
- **Melting point:** Not determined.
- **Boiling point:** Not determined.
- **Flash point:** Not determined.
- **Evaporation rate:** Not determined.
- **Flammability:** Not determined.
- **Flammability limits:** Not determined.
- **Vapor pressure:** Not determined.
- **Vapor density:** Not determined.
- **Relative density:** 560 - 700 g/L
- **Solubility:** Not determined.
- **Partition coefficient:** Not determined.
- **Auto-ignition temperature:** Not determined.
- **Decomposition temp:** Not determined.
- **Viscosity:** Not determined.

10. Stability and reactivity

- **Stability and reactivity:** Stable under normal conditions
- **Hazardous decomposition products:** In case of fire: carbon oxides.
- **Hazardous reactions:** None under normal conditions.
- **Conditions to avoid:** None known. Follow storage advice in Section 7.
- **Incompatible materials:** None known.



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11. Toxicological information

- **Information on the likely routes of exposure:** No data.
- **Symptoms related to characteristics:** No data.
- **Delayed and immediate effects:** No data.
- **Numerous measures of toxicity:** No data.
- **Other:** Non –carcinogenic effect, non-mutagenic, non-tetratogenic.

12. Ecological information

- **Biodegradation (%):** Fully degrades into CO₂, water and minerals that are considered plant nutrients.
- **Environmental precautions:** Prevent entry into public waters, rivers and lakes to avoid oxygen deficiency and eutrofication.

13. Disposal considerations

- General:** Do not use the packaging for other purposes.
Dispose in a safe manner in accordance with local / national regulations.

14. Transport information

- General information:** Not regulated.
Not considered as a hazardous product according to national and international transport regulations.

15. Regulatory information

- Symbol(s):** None.
R Phrase(s): None.

16. Other information

- Date of preparation:** June 24, 2015.

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