

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 04/01/2017

Reviewed on 04/24/2017

1. Identification

- **Product Identifier**
- **Trade Name: PureBloom™ Ready-to-Use Specialty Fertilizer**
- **Relevant identified uses of the substance or mixture and uses advised against:**
Recommended for use as a foliar fertilizer on home garden plants
- **Product description:** Liquid fertilizer
- **Details of the Supplier of the safety data sheet:**
- **Manufacturer/Supplier:**
Gantec, Inc.
777 E Isabella Rd
Midland, MI 48640
(989) 631-9300 (product info)
- **Emergency Telephone Number:**
(877) 816-9300

2. Hazard(s) Identification

- **Classification of the substance or mixture:**
The product does not need classification according to OSHA HazCom Standard 29 CFR paragraph (d) of §1910.1200(g) and GHS Rev 03
- **Label elements:**
- **GHS label elements:** Non-regulated material.
- **Hazard pictograms:** Non-regulated material.
- **Signal word:** Non-regulated material
- **Hazard statements:** Non-regulated material.
- **Hazard(s) not otherwise classified (HNOC):** None known.

3. Composition

- **Chemical characterization: Mixture**
- **Description:** Derived from urea, potassium phosphate, magnesium EDTA, manganese EDTA, iron EDTA, and plant extracts.

4. First-aid measures

- **Description of first aid measures:**
- **After skin contact:** Wash with soap and water. Seek medical attention if irritation persists.
- **After eye contact:** Flush with water for 10-15 minutes. Seek medical attention if irritation persists.
- **After inhalation:** Move to fresh air.
- **After swallowing:** Drink large amounts of water and seek medical attention.
- **Information for doctor:**
- **Most important symptoms and effects:** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed:** No further relevant information is available.

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5. Fire-fighting measures

- **Extinguishing media:**
- **Suitable extinguishing agents:** Water, dry chemical, CO2, foam.
- **Unsuitable extinguishing agents:** None known.
- **Protective equipment:** As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

6. Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:** Not required
- **Environmental precautions:** Do not allow to enter sewers/surface or ground water.
- **Methods and material for containment and cleaning up:**
Vacuum, sweep, or shovel to clean or contain spill.
Ensure adequate ventilation.
Dispose of the collected material according to regulations.
- **Reference to other sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7. Handling and storage

- **Handling:**
- **Precautions for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:** No special measures required.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** No further relevant information available.
- **Specific end use(s):** No further relevant information available.

8. Exposure controls/personal protection

- **Control parameters:** No additional information available.
- **Exposure controls:**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing and wash before reuse.
Wash hand before breaks and at the end of work.
Avoid contact with the eyes and skin.
- **Breathing equipment:** Not required.
- **Protection of hands:** Wear protective gloves
- **Eye protection:** Not required.

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9. Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General information**
- **Appearance:**
 - **Form:** Liquid
 - **Color:** Light brown
- **Odor:** Mild
- **Odor threshold:** Not determined.
- **pH-value:** 6.3–6.7
- **Change in condition**
 - **Melting point/Melting range:** Not determined.
 - **Boiling point/Boiling range:** > 392°F (200°C)
- **Flash point:** > 239°F (115°C)
- **Flammability (solid, gaseous):** Not determined.
- **Ignition temperature:** Not determined.
- **Decomposition temperature:** Not determined.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion Limits**
 - **Lower:** Not determined.
 - **Upper:** Not determined.
- **Vapor Pressure:** Not determined.
- **Density @ 20 °C (68° F):** 3.75–3.80 kg (8.27 – 8.38 lbs) / gallon
- **Relative Density:** Not determined.
- **Vapor Density:** Not determined
- **Solubility in/ Miscibility with:**
 - **Water:** Soluble
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity, kinematic:** Not determined.
- **Viscosity, dynamic:** Not determined.
- **Other information:** No further relevant information available.

10. Stability and reactivity

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** High moisture or humidity.
- **Incompatible materials:** Strong oxidizing agents.
- **Hazardous decomposition products:** No dangerous decomposition products known.

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11. Toxicological information

- **Information on toxicological effects:**
- **Acute toxicity:** Not classified.
- **Primary irritant effect:**
- **On the skin:** Not classified.
- **On the eye:** Not classified.
- **Additional toxicological information:** No further relevant information available.
- **Carcinogenic categories:**
- **IARC (International Agency for Research on Cancer):** None of the ingredients are listed.
- **NTP (National Toxicology Program):** None of the ingredients are listed.
- **OSHA-Ca (Occupational Safety & Health Administration):** None of the ingredients are listed.

12. Ecological information

- **Toxicity:**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Generally not hazardous for water.
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

13. Disposal considerations

- **Waste treatment methods:**
- **Recommendation:** Do not dispose with household waste. Disposal must be made according to official regulations.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14. Transport information

- **UN-Number:**
- **DOT, ADR, IMDG, IATA** Non-regulated material
- **UN proper shipping name:**
- **DOT, ADR, IMDG, IATA** Non-regulated material.
- **DOT, ADR**
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- **Label:** Not applicable.

- **IMDG, IATA**
- **Class:** Non-regulated material.
- **Label:** Not applicable.
- **Packing group:** Not applicable.
- **Environmental hazards:** Not applicable.
- **Special precautions for user:** Not applicable.
- **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable.

15. Regulatory information

- **US Federal Regulations:** Non-regulated material.
- **SARA Title III (Section 313):** None of the ingredients are listed.
- **California Proposition 65:** This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

16. Other information

- **Date of preparation/last revision:** 04/24/2017

The information in this safety data sheet is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. While the information is believed to be accurate, no responsibility is accepted that the information is sufficient or correct in all cases. Nothing herein shall be deemed to create a warranty, implied or otherwise, and shall not establish a legally valid contractual relationship. Therefore, users are responsible to determine the applicability of this information to their particular use and operating conditions. The publication or use of, or reliance upon, information contained herein does not relate to the use of this product in combination with any other material or in any other process.

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