Safety Data Sheet

Green House Feeding Biobloom (4-9-9)

In accordance with Regulation (EC) No. 1907/2006 (REACH),
as amended by Commission Regulation (EU) 2020/878, Annex II

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier:

Trade name: Green House Powder Feeding BioBloom (4-9-9)
Identification: EC No.: See Section 3 of SDS
REACH Registration No.: --
CAS-No.: See Section 3 of SDS

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Fertilizer

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:
Green House Feeding (PF Trading B.V.); Keienbergweg 49, 1101EX Amsterdam, The Netherlands
Tel.: +31 (0) 20 716 38 34 E-mail: shop@greenhousefeeding.com

1.4 Emergency telephone number:

Manufacturer: See point 1.3 (Only during office hours Mon-Fri 09:00 – 17:00)
NVIC: +31(0)30 274 8888 (Only for the purpose of informing medical personnel in case of acute intoxications)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification:

Classification Regulation (EC) No 1272/2008

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008 (CLP)

2.2 Label Elements:

Labelling Regulation (EC) No 1272/2008

This product is not classified as dangerous

2.3 Other hazards:

May be harmful if swallowed
After prolonged contact, slight skin irritation possible.
May cause long-term adverse effects in the aquatic environment

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances:

Mixture

3.2 Mixtures:

Contains no substances classified in significant quantities, according to EU Directives and CLP.

SECTION 4: FIRST AID MEASURES

4.1 General information:

If swallowed:

Call a poison center or doctor/physician if you feel unwell.
In all cases of doubt or if symptoms persist get medical treatment.

After inhalation:

Supply fresh air, consult a doctor in case of symptoms.
If you feel unwell seek medical advice (show the label where possible or the MSDS)

After skin contact:

Wash with water and soap, rinse thoroughly.
If irritation persists, consult a doctor.

After eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, consult a doctor.

After oral intake:

Rinse mouth and then drink plenty of water. May cause nausea, vomiting, diarrhea.
Call a poison center or doctor/physician if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed:

After inhalation of decomposition products: Risk of pulmonary edema. Symptoms may be delayed. Risk of Methemoglobinemia.

4.3 Indication of any immediate medical attention and special treatment needed:

Symptomatic Treatment

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Extinguishing media: No special requirement.

5.2 Special hazards arising from the substance or mixture:

Combustion products/gases: Heating can release hazardous gases: Sulphur oxids (SO2, SO3), nitrous gas (NOx), oxides of phosphorus, ammonia

5.3 Advice for firefighters:

Self-contained breathing apparatus (EN 133). Wear full protective suit.

5.4 Additional information:

Contaminated water may not enter in sewers or drains.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

6.1.1 For non-emergency personnel: Avoid raising dust. Use personal protective equipment, see Section 8

6.1.2 For emergency responders: Ventilate closed places. Use personal protective equipment, see Section 8

6.2 Environmental precautions:

May not enter in sewers or drains.

6.3 Methods and material for containment and cleaning up:

Collect mechanically. Dispose of contaminated material as waste according to section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

No special precautions necessary if handled correctly.
Store in original packaging. Risk of confusion.
Handle according to instructions on the label.

7.2 Conditions for safe storage, including any incompatibilities:

Tight closed. Dry.
Store out of range from sources of ignition and heat.
Storage Class: 13 Non-flammable solids in non-flammable package

7.3 Specific end use(s):

See section 1.2

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Dust (OEL - Occupational Exposure Limits)	Total Dust	10mg/m3

8.2 Exposure controls:

8.2.1 Appropriate engineering controls:

Ventilation should be sufficient to effectively remove and prevent buildup of any dusts or fumes that may be generated during handling or thermal processing. If engineering measures are not sufficient to maintain concentrations of dust particulates below the Occupational Exposure Limit (OEL), suitable respiratory protection must be worn. Provide eyewash station.

8.2.2 Individual protection measures, such as personal protective equipment:

Eye/face protection: Face shield is recommended. Wear safety glasses with side shields (or goggles). Use tight fitting goggles if dust is generated.

Hand protection: Wear appropriate chemical resistant gloves.

Respiratory protection: Use approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. Respiratory protection not required.

Other: Wear suitable protective clothing.

Considerations: Keep away from food and drinks. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. National regulations for fertilizers may apply.
8.2.3 Environmental protection measures: Avoid discharge into sewers or drains, water courses or onto the ground.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance:
Physical state: Solid
Form: Powder
Color: brown yellow
Odor: None
Solubility in water: contains water-soluble components
pH: 6.0 – 7.5
Apparent density: 600 – 800 g/L
Flammability: The product itself does not burn. Decomposes on heating from 260 ° C approx.
Oxidizing properties: Not applicable

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

Sulphur oxids (SO2, SO3), nitrous gas (NOx), oxides of phosphorus, ammonia Ammonia release by the action of alkalis or other alkaline substances possible. May be corrosive to metals.

10.2. Chemical stability:

Stable under normal conditions (see section 7)

10.3 Possibility of hazardous reactions:

No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid:

Elevated temperatures, high humidity. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).

10.5 Incompatible materials:

Strong oxidizing agents, concentrated acids or alkalis.

10.6 Hazardous decomposition products:

Sulphur oxids (SO2, SO3), nitrous gas (NOx), oxides of phosphorus, ammonia

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

Acute Oral Toxicity: LD50/oral/rat: > 2000mg/kg
Skin irritation: May cause slight irritation of skin after longer exposure.
Corrosion / burns: May cause slight irritation after longer exposure.
Sensitization: Based on the available data and experience, no classification is given (conventional method)
Carcinogenicity: no data available
Genotoxicity in vitro: no data available
Toxicity for reproduction: no data available

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

12.1.1 Ecotoxicity (for pure chemicals): Not applicable
12.1.2 Toxicity for water: Water hazard class: 1 (slightly hazardous for water)

12.2 Persistence and degradability:

Not applicable

12.3 Bioaccumulative potential:

Not applicable

12.4 Mobility in soil:

Water-soluble components or breakdown products may be washed into groundwater.

12.5 Results of PBT and vPvB assessment:

No data available

12.6 Other adverse effects:

May contribute to the eutrophication of water systems.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Disposal instructions:

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

13.2 Local disposal regulations:

Dispose in accordance with all applicable regulations.

13.3 Hazardous waste code:

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

13.4 Waste from residues / unused products:

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

13.5 Contaminated packaging:

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

SECTION 14: TRANSPORT INFORMATION

	Land transport (ADR/RID)	International Sea (IMDG)	International Air (ICAO/IATA)
14.1 UN Number	Not applicable	Not applicable	Not applicable
14.2 UN proper shipping name	Not applicable	Not applicable	Not applicable
14.3 Transport hazard class(es)	No transport warning sign required	No transport warning sign required	No transport warning sign required
14.4 Packing group	Not applicable	Not applicable	Not applicable
14.5 Environmental hazards	See: Section 2	See: Section 2	See: Section 2
14.6 Special precautions for user	See: Section 6&7	See: Section 6&7	See: Section 6&7
14.7 Transport in bulk according to Annex II or MARPOL 73/78 and the IBC Code	Not applicable	Not applicable	Not applicable
Transport/Additional Information	Not applicable	Not applicable	Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Labelling in line of EEC regulation: This product is not classified as dangerous

SECTION 16: OTHER INFORMATION

Not applicable