

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

1.1 Product identifier:

Trade name: Green House Powder Feeding Additive Calcium

Identification: EC No.: 200-529-9

REACH Registration No.: 02-2120811574-58-0000

CAS-No.: 62-33-9

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

Identified uses: Fertilizer Additive

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

Skin Irrit. 2 - H315; Eye Irrit. 2 - H319; STOT SE 3 - H335

2.2 Label Elements:

EC number: 200-529-9



Pictogram:

Signal word: Warning

Hazard Statements: Causes skin irritation; Causes serious eye irritation; May cause respiratory irritation

Precaution Statements: P261 – Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 – Wash skin thoroughly after handling.
P271 – Use only outdoors or in a well-ventilated area.
P280 – Wear protective gloves/protective clothing/eye protection/face protection.

2.3 Other hazards:

Not Classified

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances:

Components	CAS-Nr.	EINECS/EC	Classification *) GHS 1272/2008
EDTA calcium disodium salt	62-33-9	200-529-9	H315, H319, H335

*) Wording of the identification codes for classified materials, see Section 16.

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:

Remove person to fresh air and keep comfortable for breathing. If breathing stops, provide artificial respiration. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention if symptoms are severe or persist.

After skin contact:

Remove contaminated clothing. Rinse with water. Continue to rinse for at least 15 minutes. Wash contaminated clothing before reuse. Get medical attention if symptoms are severe or persist.

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:

STOT SE 3 - H335 May cause respiratory irritation.
A single exposure may cause the following adverse effects: Irritation of nose, throat and airway. Difficulty in breathing. Coughing.

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

Symptomatic Treatment

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Extinguishing media: Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

5.2 Special hazards arising from the substance or mixture:

Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of nitrogen.
Sodium oxides Calcium oxide

5.3 Advice for firefighters:

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents. Use protective equipment appropriate for surrounding materials.

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, avoid raising dust. Dispose of contaminated material as waste according to section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

Wear protective clothing as described in Section 8 of this safety data sheet. Wash hands thoroughly after handling. Provide adequate ventilation. Avoid generation and spreading of dust. Avoid contact with skin and eyes. Avoid inhalation of dust and vapours.
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.

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)	No exposure limits known for ingredient(s).
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8.2 Exposure controls:

8.2.1 Appropriate engineering controls:

Provide adequate ventilation. Observe any occupational exposure limits for the product or controls ingredients.

8.2.2 Individual protection measures, such as personal protective equipment:

Eye/face protection: Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection: Wear protective gloves. To protect hands from chemicals, gloves should comply with European Standard EN374.

Respiratory protection: Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE' - marked. Particulate filter, type P2. Particulate filters should comply with European Standard EN143. Full face mask respirators with replaceable filter cartridges should comply with European Standard EN136. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN140.

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: white

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No data available

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:

No data available

10.5 Incompatible materials:

Materials to avoid: Oxidizing agents

10.6 Hazardous decomposition products:

Oxides of carbon. Oxides of nitrogen. Sodium oxides Calcium oxide

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

Acute Oral Toxicity: LD50/oral/rat: > 1000mg/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:

Ecotoxicity (for pure chemicals): Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

12.2 Persistence and degradability:

Not applicable

12.3 Bioaccumulative potential:

Not applicable

12.4 Mobility in soil:

No data available

12.5 Results of PBT and vPvB assessment:

No data available

12.6 Other adverse effects:

None known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Disposal instructions:

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered.

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

16.1 Full text of H-phrases under section 3:

- H315 – Causes skin irritation
- H319 – Causes serious eye irritation
- H335 – May cause respiratory irritation

16.2 Full text of precaution statements under section 3:

- P261 – Avoid breathing dust/fume/gas/mist/vapors/spray.
- P264 – Wash skin thoroughly after handling.
- P271 – Use only outdoors or in a well-ventilated area.
- P280 – Wear protective gloves/protective clothing/eye protection/face protection.