



Basfoliar Aktiv

Version 1
Revision Date 27.04.2007

Print Date 27.04.2007

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product information

Trade name : Basfoliar Aktiv

Use of the Substance/Preparation : fertiliser

Company : COMPO GmbH & Co. KG
Gildenstraße 38
D-48157 Münster

Telephone : +49-0251/3277-0
Telefax : +49-0251/326225

Emergency telephone number : Central Safety & Environment
Telephone: +49-251-3277-0

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature

Liquid mixture of organic and inorganic salts of fertilizers.
extract of green algae
Urea
potassium salts
phosphates

For the full text of the R phrases mentioned in this Section, see Section 16.

3. HAZARDS IDENTIFICATION

Risk advice to man and the environment

No particular dangers occur if the regulation/notes for storage and handling are observed.

4. FIRST AID MEASURES

Inhalation : On inhalation of decomposition products:
Keep patient calm, remove to fresh air, seek medical attention.

Skin contact : Wash off immediately with soap and plenty of water.

Eye contact : Rinse thoroughly with plenty of water for at least 15 minutes
and consult a physician.
If symptoms persist, seek medical advice.

Ingestion : Rinse mouth immediately and then drink plenty of water, seek

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medical attention.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : water
- Specific hazards during fire fighting : In case of combustion evolution of dangerous gases possible. ammonia
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus. In the event of fire and/or explosion do not breathe fumes.
- Further information : Cool endangered containers with water-spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Ensure adequate ventilation. Avoid contact with skin and eyes.
- Environmental precautions : Do not flush into surface water or sanitary sewer system. Retain and dispose of contaminated wash water.
- Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Flush away residues with water.
- Additional advice : In case in involuntary exposition of the product contact producer or supplier.

7. HANDLING AND STORAGE**Handling**

- Advice on safe handling : Keep away from heat. Keep away from direct sunlight. Do not allow to dry.

Storage

- Requirements for storage areas and containers : Store between 5 and 25°C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.
- German storage class : 12

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Personal protective equipment**

- Hand protection : For prolonged or repeated contact use protective gloves.
Chemical resistant protective gloves (EN 374).
natural rubber/natural latex (NR) - 0.5 mm coating thickness
chloroprene rubber (CR) - 0.5 mm coating thickness
nitrile rubber (NBR) - 0.4 mm coating thickness
butyl rubber (butyl) - 0.7 mm coating thickness
polyvinylchloride (PVC) - 0.7 mm coating thickness
fluoroelastomer (FKM) - 0.7 mm coating thickness
- Eye protection : Tightly fitting safety goggles (splash goggles) (EN 166)
- Hygiene measures : Hands and/or face should be washed before breaks and at the end of the shift.
At the end of the shift the skin should be cleaned and skin-care agents applied.
When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

- Form : liquid
- Colour : product specific
- Odour : characteristic

Safety data

- pH : approx.4,1
at (20 °C)
- crystallization temperature : approx.-5 °C
- Boiling range : approx.110 °C
- Density : approx.1,38 g/cm³
at 20 °C
- Water solubility : soluble

10. STABILITY AND REACTIVITY

- Materials to avoid : nitrites
nitrates
strong oxidizing agents

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Hazardous decomposition products : ammonia
Hazardous reactions : Evolution of ammonia under influence of alkalies.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 rat
Dose: 500 - 5.000 mg/kg

Skin irritation : Remarks:Prolonged contact with the product can result in skin irritation.

Eye irritation : Remarks: Contact with eyes may cause irritation.

12. ECOLOGICAL INFORMATION

Additional ecological information : There is a high probability that the product is acute not harmful to aquatic organisms.
The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.
The product was not tested. The statement was derived from products of similar structure and composition.

13. DISPOSAL CONSIDERATIONS

Product : fertiliser
Test for use in agriculture.

Contaminated packaging : Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

Waste key for the unused product : 02 01 09: Wastes of chemicals for the agriculture excepted of those, which are listed under 02 01 08

14. TRANSPORT INFORMATION**Further Information**

Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR

15. REGULATORY INFORMATION**Labelling according to EC Directives**



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The product does not require a hazard warning label in accordance with EC Directives.

National legislation

Water contaminating class : WGK 1 slightly water endangering
(Germany)

16. OTHER INFORMATION

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.