



Basfoliar 36 Extra

Version 2
Revision Date 09/02/2005

Print Date 09/02/2005

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

Product information

Trade name : Basfoliar 36 Extra

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.

Hazardous components

Chemical Name	CAS-No.	EINECS-No.	Index-No.	Symbol(s)	R-phrase(s)	Concentration [%]
Ammonium Nitrate	6484-52-2	229-347-8				>= 10,00 - <= 45,00

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

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

4. FIRST AID MEASURES

Inhalation : Fresh air.
By disorders:
Obtain 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.



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If symptoms persist, seek medical advice.

Ingestion : Rinse mouth.
Do not induce vomiting.
Seek medical attention.

Notes to physician

Symptoms : Gastrointestinal discomfort

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : The product is not flammable.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific hazards during fire fighting : In case of combustion evolution of dangerous gases possible.

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.

Environmental precautions : Do not empty into drains.
Product should not reach open waters.

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

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.

Advice on protection against fire and explosion : No special precautions required.

Storage

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Requirements for storage areas and containers : Keep away from heat.
Keep away from direct sunlight.

German storage class : 12

Storage temperature : 5 °C

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

Respiratory protection : Breathing apparatus only if aerosol or dust is formed.

Hand protection : For prolonged or repeated contact use protective gloves.
Chemical resistant protective gloves (EN 374)
butyl rubber (butyl) - 0.7 mm coating thickness
chloroprene rubber (CR) - 0.5 mm coating thickness
polyvinylchloride (PVC) - 0.7 mm coating thickness
The selection of suitable depends upon the material, and also upon the quality of the gloves. The degree of protection will vary from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Eye protection : safety glasses

Skin and body protection : protective suit

Hygiene measures : Keep away from food, drink and animal feedingstuffs.
Take off immediately all contaminated clothing.
Hands and/or face should be washed before breaks and at the end of the shift.

Protective measures : Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Form : liquid

Colour : product specific

Odour : characteristic

Safety data

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pH	: approx.5,7 at (20 °C)
melting range	: approx.0 °C
Boiling range	: approx.100 °C
Flash point	: Note: not applicable
Explosive properties	: not explosive
Density	: approx.1,345 g/cm ³ at 20 °C
Water solubility	: soluble

10. STABILITY AND REACTIVITY

Materials to avoid	: acids strong oxidizing agents
Hazardous decomposition products	: In case of fire hazardous decomposition products may be produced such as: nitrogen oxides Nitrose gases
Thermal decomposition	: No decomposition if stored and applied as directed.
Hazardous reactions	: Reacts with amines.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	: LD50 rat Dose: > 2.000 mg/kg
Skin irritation	: Remarks:No irritation, but during longer, repeated mechanical effects it can become red and easy red.
Eye irritation	: Remarks: slight irritation
Sensitization	: Remarks: None known.

12. ECOLOGICAL INFORMATION

Additional ecological information	: Weakly water polluting. Observe manufacturer's instructions. Do not flush into surface water or sanitary sewer system. The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.
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13. DISPOSAL CONSIDERATIONS

- Product : Dispose of in accordance with local regulations.
Do not flush into surface water or sanitary sewer system.
fertiliser
Test for use in agriculture.
- Contaminated packaging : Offer rinsed packaging material to local recycling facilities.
Packs that cannot be cleaned should be disposed of in the same manner as the contents.
Observe national and local legal requirements.
Recommended cleaning agent: Water, if necessary with additive of cleaning agents.
- 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

The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.

National legislation

Further information : (German "Hazardous Substances" legislation, appendix 5 Nr.2, group D)

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

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.



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