



Basafer plus

Version 1
Revision Date 07.05.2007

Print Date 07.05.2007

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

Product information

Trade name : Basafer plus

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

Iron chelate (EDDHA)

Hazardous components

Chemical Name	CAS-No.	EINECS-No.	Index-No.	Symbol(s)	R-phrase(s)	Concentration [%]
Ethylenediamine-N,N'-bis((2-hydroxyphenyl)acetic acid)	1170-02-1	214-625-3				<= 80,00
Iron	7439-89-6	231-096-4				(Ø 6,00)

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.
Contact with eyes may cause irritation.
May cause irritation of the mucous membranes.

4. FIRST AID MEASURES

General advice : Take off immediately all contaminated clothing.
Wash contaminated clothing before re-use.



Basafer plus

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| Inhalation | : | Fresh air.
Warmth.
If danger of loss of consciousness, place patient in recovery position and transport accordingly. Apply artificial respiration if necessary.
If symptoms persist, seek medical advice. |
| Skin contact | : | Wash off thoroughly with ample 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 medical attention. |

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 | : | Evolution of toxic gases/vapours. |
| Special protective equipment for fire-fighters | : | Wear a self-contained breathing apparatus.
In the event of fire and/or explosion do not breathe fumes. |
| Further information | : | Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |

6. ACCIDENTAL RELEASE MEASURES

- | | | |
|---------------------------|---|--|
| Personal precautions | : | Avoid dust formation.
Ensure adequate ventilation.
Use personal protective equipment.
Keep people away from and upwind of spill/leak.
Keep away from sources of ignition - No smoking. |
| Environmental precautions | : | Do not empty into drains.
Product should not reach open waters.
If the product contaminates rivers and lakes or drains inform respective authorities. |
| Methods for cleaning up | : | Use mechanical handling equipment.
Sweep up or vacuum up spillage and collect in suitable container for disposal. |



Basafer plus

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Additional advice : Dispose contaminated material waste according to item 13.
: In case in involuntary exposition of the product contact producer or supplier.

7. HANDLING AND STORAGE

Handling

Advice on safe handling : Provide appropriate exhaust ventilation at machinery and at places where dust can be generated.
Avoid dust formation.
Dust deposits that cannot be avoided must be taken up regularly.
Keep away from sources of ignition - No smoking.

Advice on protection against fire and explosion : Keep away from sources of ignition - No smoking.

Storage

Requirements for storage areas and containers : Keep in a dry, cool and well-ventilated place.
Further information on storage conditions : Protect against water.
Protect from atmospheric humidity.
Storage with other substances : Segregate from foodstuffs.
German storage class : 13

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures

Ensure thorough ventilation of stores and work areas.
Take precautionary measures against static discharges.

Personal protective equipment

Respiratory protection : Not necessary if room is well-ventilated.
Short term filtering device: filter P2

Hand protection : Chemical resistant protective gloves (EN 374).
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 : Wear suitable gloves and eye/face protection.

**Basafer plus**Version 1
Revision Date 07.05.2007

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- Skin and body protection : protective suit
- Hygiene measures : Keep away from food, drink and animal feedingstuffs.
Take off immediately all contaminated clothing.
Wash hands before breaks and at the end of workday.
Do not breathe dust.
Do not breathe fumes.
Do not inhale mist.
Preventive skin protection necessary.
Use protective skin cream before handling the product.
- Protective measures : Handle in accordance with good industrial hygiene and safety practice.
The lists which are valid during the construction served as a basis.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

- Form : dry flowable granules
- Colour : product specific
- Odour : characteristic

Safety data

- pH : 7,5 - 9,5
at (20 °C)
- Melting point/range : > 200 °C
Note: Decomposes before melting.
- Flash point : Note: not applicable
- Autoignition temperature : Note: not self-igniting
- Explosive properties : not explosive
- Bulk density : approx.500 - 650 kg/m³
- Water solubility : soluble

10. STABILITY AND REACTIVITY

- Materials to avoid : amines
strong oxidizing agents
strong acids
- Hazardous decomposition : nitrogen oxides



Basafer plus

Version 1
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products Nitrose gases

Thermal decomposition : No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 rat
Dose: > 2.000 mg/kg

Skin irritation : rabbit
Result: non-irritant
Method: OECD Test Guideline 404

Eye irritation : rabbit
Result: non-irritant
Method: OECD Test Guideline 405

Sensitization : Remarks: None known.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Toxicity to fish : LC50
Species: Rainbow trout
Dose: > 100 mg/l

Additional ecological information : water endangering
(VwVws (Germany) of 17.5.1999, appendix 4).
Do not flush into surface water or sanitary sewer system.
Instructions for use of the manufacturer/supplier is to consider.

13. DISPOSAL CONSIDERATIONS

Product : Must not be disposed together with household garbage. Do not allow product to reach sewage system.
fertiliser
Test for use in agriculture.
Observe all local regulations.

Contaminated packaging : Packs that cannot be cleaned should be disposed of in the same manner as the contents.
Observe all local regulations.
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



Basafer plus

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14. TRANSPORT INFORMATION

Further Information

Not dangerous goods in the meaning of ADR/RID, ADNR, 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.

National legislation

Water contaminating class : WGK 2 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.