



## Basfoliar Combi-Stipp

Version 1  
Revision Date 07.05.2007

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

#### Product information

Trade name : Basfoliar Combi-Stipp

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 [%]
calcium nitrate	10124-37-5	233-332-1		O, Xi	R 8 R36	>= 50,00 - <= 60,00

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

Irritating to eyes.

### 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



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Ingestion : and consult a physician.  
If symptoms persist, seek medical advice.  
: 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.



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### Storage

- Requirements for storage areas and containers : Keep away from heat.  
Keep away from direct sunlight.
- German storage class : 12
- Storage temperature : 0 - 30 °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 : white to light brown
- Odour : characteristic

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**Safety data**

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

**10. STABILITY AND REACTIVITY**

Materials to avoid	: strong reducing agents
Hazardous decomposition products	: In case of fire hazardous decomposition products may be produced such as: nitrogen oxides Nitrose gases
Thermal decomposition	: To avoid thermal decomposition, do not overheat.
Hazardous reactions	: Reacts with reducing agents.

**11. TOXICOLOGICAL INFORMATION**

Acute oral toxicity	: LD50 rat Dose: 3.900 mg/kg Remarks: information on:
Skin irritation	: Result: Mild skin irritation Remarks:Prolonged exposure to the product can result in irritation of the skin and mucous membranes.
Eye irritation	: Remarks: Irritating to eyes.
Sensitization	: Remarks: None known.

**12. ECOLOGICAL INFORMATION****Ecotoxicity effects**

Toxicity to fish	: LC50 Species: In general
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Dose: > 500 mg/l  
Remarks:  
information on:

Additional ecological information : Weakly water polluting.  
Observe manufacturer's instructions.  
Do not flush into surface water or sanitary sewer system.

### 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.

Contaminated packaging : Packs that cannot be cleaned should be disposed of in the same manner as the contents.  
Uncontaminated packs can be re-used.  
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 08: Wastes of chemicals for the agriculture, which dangerous materials contain.

### 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

Handle in accordance with good industrial hygiene and safety practice.

Symbol(s) : Xi Irritant

R-phrase(s) : R36 Irritating to eyes.

S-phrase(s) : 23.3 Do not breathe vapour/spray.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S60 This material and its container must be disposed of as hazardous waste.



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### National legislation

Water contaminating class : WGK 1slightly 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.

### Text of R phrases mentioned in Section 2:

R36           Irritating to eyes.  
R 8            Contact with combustible material may cause fire.