

**FENHEXAMID SC 500 G****U-EU**

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Version 1 / EU  
102000007612

Revision Date: 07.08.2006

Print Date: 07.01.2009

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product information**

|                            |  |      |
|----------------------------|--|------|
| Trade name                 | FENHEXAMID SC 500 G  | U-EU |
| Product code (UVP)         | 05362865   |      |
| Usage                      | fungicide  |      |
| Company                    | Bayer CropScience AG<br>Alfred-Nobel-Straße 50<br>40789 Monheim<br>Germany |      |
| Telephone                  | +49(0)2173-38-3373   |      |
| Telefax                    | +49(0)2173-38-7394   |      |
| Responsible Department     | Material and Transport Safety Management<br>+49(0)2173-38-3409/4566        |      |
| Emergency telephone number | +49(0)2133-51-4233 (Sicherheitszentrale Dormagen, Bayer AG)                |      |

**2. COMPOSITION/INFORMATION ON INGREDIENTS****Chemical nature**

Suspension concentrate (=flowable concentrate)(SC)

Fenhexamid 500g/l

**Hazardous components**

| Chemical Name | CAS-No. / EINECS-No. | Symbol(s) | R-phrase(s) | Concentration [%] |
|---------------|----------------------|-----------|-------------|-------------------|
| Fenhexamid    | 126833-17-8          | N         | R51/53      | 42,80             |

**3. HAZARDS IDENTIFICATION****Risk advice to man and the environment**

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**4. FIRST AID MEASURES****General advice**

Move out of dangerous area. Place and transport victim in stable position (lying sideways).

Remove contaminated clothing immediately and dispose of safely.

**Inhalation**

Move to fresh air. Keep patient warm and at rest. Call a physician or poison control center immediately.

**Skin contact**

Wash off thoroughly with plenty of water and soap, if available with polyethyleneglycol 400, subsequently rinse with water.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove



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contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention if irritation develops and persists.

**Ingestion**

Do NOT induce vomiting. Call a physician or poison control center immediately. Rinse mouth.

**Notes to Physician**

**Treatment**

Treat symptomatically.

Gastric lavage is not normally required. If a significant amount (more than a mouthful) has been ingested, administer activated charcoal and sodium sulphate.

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**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

water spray  
carbon dioxide (CO<sub>2</sub>)  
foam  
sand

**Specific hazards during fire fighting**

carbon monoxide (CO)  
nitrogen oxides (NO<sub>x</sub>)  
hydrogen chloride (HCl)  
hydrogen cyanide (hydrocyanic acid)

**Special protective equipment for fire-fighters**

In the event of fire and/or explosion do not breathe fumes.  
Use breathing apparatus.

**Further information**

Contain the spread of the fire-fighting media.  
Do not allow run-off from fire fighting to enter drains or water courses.

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**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions**

Avoid contact with spilled product or contaminated surfaces.  
Wear personal protective equipment. Unprotected persons must be kept away.

**Methods for Cleaning Up**

Take up with absorbent material (e.g. sand, diatomaceous earth or a proprietary absorbent material).  
Clean contaminated floors and objects thoroughly, observing environmental regulations.  
Keep in suitable, closed containers for disposal.

**Additional Advice**

Information regarding personal protective equipment, see section 8.  
Information regarding waste disposal, see section 13.

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**7. HANDLING AND STORAGE**

**Handling**

Advice on protection against fire and explosion  
Keep away from heat and sources of ignition.

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Requirements for storage areas and containers

Store in a place accessible by authorized persons only.

Keep containers tightly closed in a dry, cool and well-ventilated place.

Advice on common storage

Keep away from food, drink and animal feedingstuffs.

Storage stability

Storage temperature -10 - &lt; 40 °C

Suitable materials

HDPE (high density polyethylene)

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

Hand Protection PVC or nitrile rubber gloves

Eye protection Safety glasses with side-shields

Hygiene measures

Avoid contact with skin, eyes and clothing.

Keep working clothes separately.

Wash hands before breaks and at the end of workday.

Remove soiled and/or soaked clothing immediately and clean thoroughly before using again.

Garments that cannot be cleaned must be destroyed (burnt).

**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**Form suspension  
Colour brown  
Odour slight, product specific**Safety data**pH 6,5 - 7,5  
Determined in the undiluted form.Flash point > 100 °C  
No flash point - Determination conducted up to the boiling point.Density ca. 1,17 g/cm<sup>3</sup> at 20 °C**10. STABILITY AND REACTIVITY****11. TOXICOLOGICAL INFORMATION**

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|                       |  |
|-----------------------|--|
| Acute Oral Toxicity   | LD50 (rat) > 2.500 mg/kg   |
| Acute Dermal Toxicity | LD50 (rat) > 4.000 mg/kg   |
| Skin Irritation       | No skin irritation. (rabbit)                                       |
| Eye Irritation        | No eye irritation. (rabbit)  |
| Sensitization         | Non-sensitizing. (rabbit)<br>OECD Test Guideline 406, Buehler test |

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

|                     |  |
|---------------------|--|
| Toxicity to Fish    | LC50 (Rainbow trout ( <i>Oncorhynchus mykiss</i> )) 3,02 mg/l<br>Exposure time: 96 h   |
| Toxicity to daphnia | EC50 (Water flea ( <i>Daphnia magna</i> )) > 18,8 mg/l<br>Exposure time: 48 h<br>The value mentioned relates to the active ingredient. |
| Toxicity to algae   | IC50 ( <i>Desmodesmus subspicatus</i> ) 48,1 mg/l<br>Growth rate Exposure time: 72 h   |

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**13. DISPOSAL CONSIDERATIONS****Product**

In accordance with current regulations may be taken to waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority.

**Waste key for the unused product**

020108 agrochemical waste containing dangerous substances

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**14. TRANSPORT INFORMATION****ADR/RID/ADNR**

|                          |   |
|--------------------------|---|
| UN-No                    | <b>3082</b>   |
| Labels                   | 9   |
| Packaging group          | III   |
| Hazard no.               | 90  |
| Description of the goods | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE,<br>LIQUID, N.O.S.<br>(FENHEXAMID SOLUTION) |

**IMDG**

|                  |                  |
|------------------|------------------|
| UN-No            | <b>3082</b>      |
| Class            | 9                |
| Packaging group  | III              |
| EmS              | F-A , S-F        |
| Marine pollutant | Marine pollutant |

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|--------------------------|--|
| Description of the goods | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,<br>N.O.S.<br>(FENHEXAMID SOLUTION ) |
|--------------------------|--|

**IATA**

|                          |  |
|--------------------------|--|
| UN-No                    | <b>3082</b>  |
| Class                    | 9  |
| Packaging group          | III  |
| Description of the goods | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,<br>N.O.S.<br>(FENHEXAMID SOLUTION ) |

**15. REGULATORY INFORMATION****Classification and labelling in accordance with the EC Directive on dangerous preparations 1999/45/EC as amended.**

Classification:

Labelling according to EC Directives

Hazardous components which must be listed on the label:

- Fenhexamid

Symbol(s)

N Dangerous for the environment

R-phrases(s)

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases(s)

S35 This material and its container must be disposed of in a safe way.

S57 Use appropriate container to avoid environmental contamination.

**16. OTHER INFORMATION****Further information**

Text of R phrases mentioned in Section 2:

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The information given in this Data Sheet has been included in accordance with the guidelines established by EC Directive 1991/155/EC as amended. This data sheet complements the user's instructions, but does not replace them. The information it contains is based on the knowledge available about the product concerned at the time it was compiled. Users are further reminded of the possible risks of using a product for purposes other than those for which it was intended. The required information complies with current EEC legislation. Addressees are requested to observe any additional national requirements.

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| Changes since the last version are highlighted in the margin. This version replaces all previous versions. |
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