

**MONCEREN DS 1KG**Version 1 / GB  
1020000071571/6  
Revision Date: 06.07.2004  
Print Date: 06.07.2004**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING****Product information**

Trade name MONCEREN DS 1KG  
Product code (UVP) 04405684  
Usage fungicide  
Company Bayer CropScience Limited  
Hauxton  
Cambridge  
Cambridgeshire CB2 5HU  
Great Britain

Telephone +44(0)1223 870312  
Telefax +44(0)1223 872142  
Emergency telephone number 0800-220876 ( UK only )  
+44(0)1223-870312

**2. COMPOSITION/INFORMATION ON INGREDIENTS****Chemical nature**Powder for dry seed treatment (DS)  
Pencycuron 12,5 %**Hazardous components**

Chemical Name	CAS-No. / EINECS-No.	Symbol(s)	R-phrase(s)	Concentration [%]
Pencycuron	66063-05-6 266-096-3			12.50
Kaolin	1332-58-7			> 5.00 - < 25.00
talc	14807-96-6 238-877-9			> 5.00 - < 25.00
Calcium Carbonate	471-34-1 207-439-9			> 50.00

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

No particular hazards known.

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

Move out of dangerous area. If the patient is likely to become unconscious, place and transport in stable sideways position. Remove soiled or soaked clothing immediately.

**Inhalation**

Move the patient to fresh air and keep at rest. Call a physician immediately.



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### Skin contact

Wash off immediately with soap and plenty of water. Take medical treatment.

### Eye contact

In case of contact with eyes rinse thoroughly with water. Call a physician immediately.

### Ingestion

Do not induce vomiting. Wash out mouth with water. Call a physician immediately.

### Notes to physician

### Treatment

Treat symptomatically.

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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

In the event of fire the following can be released:  
hydrogen chloride (HCl)  
hydrogen cyanide (hydrocyanic acid)  
carbon monoxide (CO)  
nitrogen oxides (NO<sub>x</sub>)

### 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.  
Keep away sources of ignition.

### Environmental precautions

Keep people and animals away.  
Do not discharge into the drains/surface water/groundwater.  
If spillage enters drains leading to sewage works inform local water company immediately.  
If spillage enters rivers or watercourses, inform the Environment Agency (emergency telephone number 0800 807060).

### Methods for cleaning up

Use mechanical handling equipment.  
Pack spilled material in suitable containers for recovery or disposal.  
Clean contaminated floors and objects thoroughly, observing environmental regulations

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

**7. HANDLING AND STORAGE****Handling**

Advice on safe handling

Use only in area provided with appropriate exhaust ventilation.

Advice on protection against fire and explosion

Dust explosivity : sensitive

Keep away from heat and sources of ignition.

**Storage**

Requirements for storage areas and containers

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

Store in original container.

Store in a place accessible by authorized persons only.

Advice on common storage

Keep away from food, drink and animal feedingstuffs.

Suitable materials

Only use containers that are approved specifically for the substance/ product.

Polyethylene film within an outer package

LDPE (low density polyethylene)

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Refer to COSHH assessment (Control of substances Hazardous to Health Regulations 1999 as amended). Engineering controls should be used in preference to personal protective equipment wherever practicable.

**Components with workplace control parameters**

Components	CAS-No.	Control parameters	Update	Basis
Kaolin (Respirable dust.)	1332-58-7	2 mg/m <sup>3</sup> (TWA)	2002	EH40 OES
talc (Respirable dust.)	14807-96-6	1 mg/m <sup>3</sup> (TWA)	2003	EH40 OES
Calcium Carbonate (Respirable dust.)	471-34-1	4 mg/m <sup>3</sup> (TWA)	2002	EH40 OES
Calcium Carbonate (Total inhalable dust.)	471-34-1	10 mg/m <sup>3</sup> (TWA)	2002	EH40 OES

**Personal protective equipment**

Respiratory protection

If product is handled while not enclosed, and if skin contact may occur:  
Protective mask

Hand protection

PVC or other plastic material gloves

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Eye protection	safety glasses
Skin and body protection	Light protective clothing, PVC PVC boots

## 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 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	powder
Colour	red
Odour	slight, original odour

**Safety data**

Autoignition temperature	The product is not self-ignitable.
Dust explosion class	capable of causing a dust explosion (modified Hartmann tube)
Water solubility	not dispersible
Impact Sensitivity	Not impact-sensitive
Combustion number	CN3 Local combustion without spreading
Oxidizing properties	The product has been shown not to be oxidising in a test following Directive 67/548/EEC (Method A17, oxidising properties).
Explosivity	Not explosive

**10. STABILITY AND REACTIVITY**

Conditions to avoid	Extremes of temperature and direct sunlight.
Materials to avoid	acids
Hazardous reactions	No hazardous reactions when stored and handled according to prescribed instructions. Stable under recommended storage conditions.

**11. TOXICOLOGICAL INFORMATION**

Acute oral toxicity	LD50 (rat) > 5,000 mg/kg Test conducted with a similar formulation.
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Acute inhalation toxicity	LC50 (rat) > 17.843 mg/l Exposure time: 4 h Test conducted with a similar formulation. Highest attainable concentration. (respirable dust)
Acute dermal toxicity	LD50 (rat) > 5,000 mg/kg Test conducted with a similar formulation.
Skin irritation	non-irritant (rabbit) Test conducted with a similar formulation.
Eye irritation	non-irritant (rabbit) Test conducted with a similar formulation.
Sensitization	Non-sensitizing (guinea pig) OECD 406, Buehler test

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

Toxicity to fish	LC50 (Lepomis macrochirus (Bluegill sunfish)) > 0.26 mg/l Exposure time: 96 h The value mentioned relates to the active ingredient.
Toxicity to daphnia	EC50 (Water flea (Daphnia magna)) > 100 mg/l Exposure time: 48 h
Toxicity to algae	IC50 (Pseudokirchneriella subcapitata) > 1 mg/l Growth rate Exposure time: 72 h The value mentioned relates to the active ingredient.

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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  
Can be landfilled or incinerated, when in compliance with local regulations.  
Advice may be obtained from the local waste regulation authority (part of the Environment Agency in the UK).

**Contaminated packaging**

Packaging that cannot be cleaned should be disposed of as product waste.  
Empty containers can be landfilled after cleaning, when in compliance with the Environmental Protection (Duty of Care) Regulations 1991.

**Waste key for the unused product**

020108 agrochemical waste containing dangerous substances

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**14. TRANSPORT INFORMATION**



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<b>ADNR</b>	Not dangerous goods
<b>ADR</b>	Not dangerous goods
<b>GGVE</b>	Not dangerous goods
<b>GGVS</b>	Not dangerous goods
<b>IATA_C</b>	Not dangerous goods
<b>IATA_P</b>	Not dangerous goods
<b>IMDG</b>	Not dangerous goods
<b>RID</b>	Not dangerous goods

**UK 'Carriage' Regulations** Not dangerous goods

Classification according to 'The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2004' and any subsequent amendments.

### 15. REGULATORY INFORMATION

This product has been classified in accordance with The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002: CHIP 3.

Classification:

Does not require a hazard warning label, but the normal safety precautions for handling of chemicals must be observed.

Hazardous components which must be listed on the label:

- Pencycuron

Exceptional labelling

Restricted to professional users.

To avoid risks to man and the environment, comply with the instructions for use.

Further information

WHO-classification: III (Slightly hazardous)

### 16. OTHER INFORMATION

#### Further information

The above information is intended to give general health and safety guidance on the storage and transport of the product.

It is not intended to apply to the use of the product for which purposes the product label and any appropriate technical usage literature available should be consulted and any relevant licenses, consents or approvals complied with.

The requirements or recommendations of any relevant site or working procedure, system or policy in force or arising from any risk assessment involving the substance or product should take precedence over any of the guidance contained in this safety data sheet where there is a difference in the information given.

The information provided in this safety data sheet is accurate at the date of publication and will be updated as and when appropriate.

No liability will be accepted for any injury, loss or damage resulting from any failure to take account of information or advice contained in this safety data sheet.

Changes since the last version will be highlighted in the margin. This version replaces all previous versions.