

**SENCOREX WG 1KG (IE)**Version 1 / IRL
1020000065141/6
Revision Date: 13.05.2004
Print Date: 13.05.2004**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING****Product information**

Trade name SENCOREX WG 1KG (IE)
Product code (UVP) 00929646, 04972643, 04358449
Usage herbicide
Company Bayer CropScience
Bayer Ltd
Chapel Lane, Swords
CO Dublin
Ireland

Telephone +353-1-8132222
Telefax +353-1-8132288
Emergency telephone number 1800-409-399

2. COMPOSITION/INFORMATION ON INGREDIENTS**Chemical nature**Water dispersible granules (WG)
Metribuzin 70 %**Hazardous components**

Chemical Name	CAS-No. / EINECS-No.	Symbol(s)	R-phrases(s)	Concentration [%]
Metribuzin (iso)	21087-64-9 244-209-7	Xn, N	R22, R50/53	70.00
alkylaryl sulfonate	91078-64-7 293-346-9	Xn	R20/22, R36	2.00
methylene-linked condensation product of arylsulphonic acids	90387-57-8 291-331-1		R52/53	8.00

3. HAZARDS IDENTIFICATION**Risk advice to man and the environment**Harmful if swallowed.
Very 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. 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.

Skin contact

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



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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.

Gastric lavage, then charcoal (carbo medicalis) and sodium sulfate.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

water spray
carbon dioxide (CO₂)
foam
sand

Specific hazards during fire fighting

In the event of fire the following can be released:

hydrogen cyanide (hydrocyanic acid)
carbon monoxide (CO)
sulphur dioxide (SO₂)
nitrogen oxides (NO_x)

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.

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 allow spilt product to enter soil or waterways
If the product contaminates rivers and lakes or drains inform respective authorities.
Local authorities should be advised if significant spillages cannot be contained.

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

Additional advice

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

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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 container tightly closed.

Store in a place accessible by authorized persons only.

Further information on storage conditions

Keep only in the original container at temperature not exceeding 40 °C.

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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Components with workplace control parameters**

Components	CAS-No.	Control parameters	Update	Basis
Metribuzin (iso)	21087-64-9	5 mg/m ³ (TWA)	2001	ELV (IE)

Personal protective equipment

Respiratory protection

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

Hand protection

PVC or other plastic material 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 or soaked clothing immediately and clean thoroughly before using again.

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

Protective measures

If product is handled while not enclosed, and if skin contact may occur:
complete suit protecting against chemicals**9. PHYSICAL AND CHEMICAL PROPERTIES**

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Form	granular
Colour	yellowish to white
Odour	slight, product specific

Safety data

Dust explosion class	capable of causing a dust explosion (modified Hartmann tube)
Solubility/qualitative	dispersible
Impact Sensitivity	Not impact-sensitive
Combustion number	CN5 Complete combustion with flames at 20 °C

10. STABILITY AND REACTIVITY

Conditions to avoid	Extremes of temperature and direct sunlight.
Materials to avoid	Incompatible with bases.
Thermal decomposition	> 100 °C
Hazardous reactions	No hazardous reactions when stored and handled according to prescribed instructions. Evolution of ammonia under influence of alkaline substances. Stable under recommended storage conditions.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	LD50 (rat) 1,449 mg/kg Test conducted with a similar formulation.
Acute inhalation toxicity	LC50 (rat) > 4.84 mg/l Exposure time: 4 h Test conducted with a similar formulation. Highest attainable concentration.
Acute dermal toxicity	LD50 (rat) > 2,000 mg/kg Test conducted with a similar formulation.
Skin irritation	non-irritant (rabbit)
Eye irritation	slight irritant effect - does not require labelling (rabbit)

12. ECOLOGICAL INFORMATION**Ecotoxicity effects**

Toxicity to fish	LC50 (Rainbow trout (Oncorhynchus mykiss)) 64 mg/l Exposure time: 96 h
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Toxicity to daphnia	EC50 (Water flea (Daphnia magna)) 49.6 mg/l Exposure time: 48 h The value mentioned relates to the active ingredient Metribuzin.
Toxicity to algae	EC50 (Pseudokirchneriella subcapitata) 0.066 mg/l Exposure time: 96 h

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

Contaminated packaging

Packaging that cannot be cleaned should be disposed of as product waste.
Rinsed packaging may be acceptable for landfill, otherwise incineration will be required in accordance with local regulations.

Waste key for the unused product

020108 agrochemical waste containing dangerous substances

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

UN-No	3077
Labels	9
Packaging group	III
Hazard no.	90
Description of the goods	UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (METRIBUZIN)

IMDG

UN-No	3077
Class	9
Packaging group	III
Marine pollutant	Marine pollutant
Description of the goods	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (METRIBUZIN)

IATA

UN-No	3077
Class	9
Packaging group	III
Description of the goods	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (METRIBUZIN)

15. REGULATORY INFORMATION

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

Hazardous components which must be listed on the label:

- Metribuzin (iso)

Symbol(s)

Xn	Harmful
N	Dangerous for the environment

R-phrase(s)

R22	Harmful if swallowed.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

S35	This material and its container must be disposed of in a safe way.
S57	Use appropriate containment to avoid environmental contamination.

Exceptional labelling of special preparations

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

Further information

WHO-classification: II (Moderately hazardous)

16. OTHER INFORMATION**Further information**

Text of R phrases mentioned in Section 2:

R20/22	Harmful by inhalation and if swallowed.
R22	Harmful if swallowed.
R36	Irritating to eyes.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53	Harmful 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.

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