

Safety data sheet

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BASF Australia Limited Safety data sheet
Date / Revised: 15.06.2006
Product: **FETRILON COMBI 2**

Version: 1.0

(30040346/SDS_CPA_AU/EN)

Date of print 23.05.2007

1. Substance/preparation and company identification

FETRILON COMBI 2

Use: crop protection product, fertilizers

Company:

BASF Australia Limited (ABN 62 008 437 867)
500 Princes Highway Noble Park
Victoria 3174, AUSTRALIA
Telephone: +61 3 9212-1500
Telefax number: +61 3 9212-1511

Emergency information:

1800 803 440 (24h) [within Australia]
+61 3 9212-1666 [outside Australia]

2. Hazard identification

No specific dangers known, if the regulations/notes for storage and handling are considered.
Prolonged exposure to the product can result in irritation of the skin and mucous membranes.

3. Composition/information on ingredients

Chemical nature

fertilizers, metal chelates, trace elements

Hazardous ingredients

Molybdate (MoO₄²⁻), disodium, (T-4)-
Content (W/W): ≤ 2.5 %
CAS Number: 7631-95-0

Copper EDTA magnesium
Content (W/W): ≤ 2.5 %
CAS Number: 37979-85-4
Hazard symbol(s): Xn
R-phrases: 22

The wording of the hazard symbols and R-phrases is specified in chapter 16 if dangerous ingredients are mentioned.

4. First-aid measures

General advice:

Avoid contact with the skin, eyes and clothing. Remove contaminated clothing. If difficulties occur: Obtain medical attention. Show container, label and/or safety data sheet to physician.

If inhaled:

Keep patient calm, remove to fresh air, seek medical attention.

On skin contact:

After contact with skin, wash immediately with plenty of water and soap. If irritation develops, seek medical attention.

On contact with eyes:

Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:

Rinse mouth immediately and then drink plenty of water, seek medical attention.

Note to physician:

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-fighting measures

Suitable extinguishing media:

water spray, foam, dry extinguishing media

Additional information:

Use extinguishing measures to suit surroundings.

Specific hazards:

carbon monoxide, carbon dioxide, toxic gases/vapours

The substances/groups of substances mentioned can be released in case of fire.

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Special protective equipment:

Wear self-contained breathing apparatus and chemical-protective clothing.

Further information:

In case of fire and/or explosion do not breathe fumes. Keep containers cool by spraying with water if exposed to fire. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. Accidental release measures

Personal precautions:

Use personal protective clothing. Avoid contact with the skin, eyes and clothing. Avoid dust formation.

Environmental precautions:

Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater.

Methods for cleaning up or taking up:

For small amounts: Contain with dust binding material and dispose of.

For large amounts: Sweep/shovel up.

Dispose of absorbed material in accordance with regulations. Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations.

7. Handling and storage

Handling

Provide appropriate exhaust ventilation at machinery. Avoid dust formation. Dust deposits that cannot be avoided must be taken up regularly. Ensure thorough ventilation of stores and work areas. Keep away from sources of ignition - No smoking.

Protection against fire and explosion:

Dust can form an explosive mixture with air. Avoid dust formation. Avoid deposition of dust. Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy.

Storage

Segregate from foods and animal feeds.

Further information on storage conditions: Keep container dry. Keep in a cool, well-ventilated place. Protect from atmospheric humidity.

Storage stability:

Storage duration: 24 Months

Protect from temperatures above: 40 °C

Changes in the properties of the product may occur if substance/product is stored above indicated temperature for extended periods of time.

8. Exposure controls and personal protection

Components with workplace control parameters

no exposure standard allocated

Personal protective equipment

Respiratory protection:

Breathing protection if breathable aerosols/dust are formed. Particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, Type P2 or FFP2)

Hand protection:

Suitable chemical resistant safety gloves (EN 374) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) and other

Eye protection:

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to DIN-EN 465).

General safety and hygiene measures:

The statements on personal protective equipment in the instructions for use apply when handling crop-protection agents in final-consumer packing. Avoid contact with the skin, eyes and clothing. Wearing of closed work clothing is recommended. Store work clothing separately. Keep away from food, drink and animal feeding stuffs. No eating, drinking, smoking or tobacco use at the place of work. Remove contaminated clothing immediately and dispose of safely. Hands and/or face should be washed before breaks and at the end of the shift. Observe skin protection measures like preventive skin protection, soil-related careful cleaning and application of creamy skin-care agents.

9. Physical and chemical properties

Form:	powder
Colour:	product specific
Odour:	characteristic
pH value:	approx. 6.5 (20 °C)
Flash point:	Not applicable
Bulk density:	750 - 800 kg/m ³ (20 °C)
Solubility in water:	soluble

10. Stability and reactivity

Conditions to avoid:
Avoid dust formation.

Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.

Substances to avoid:
strong oxidizing agents, strong acids

Hazardous reactions:
No hazardous reactions if stored and handled as prescribed/indicated.

Hazardous decomposition products:
nitrogen oxides

11. Toxicological information

LD50/oral/rat: > 2,000 mg/kg

Primary skin irritation/rabbit: non-irritant

Primary irritations of the mucous membrane/rabbit: non-irritant

Sensitization/guinea pig: Non-sensitizing.

Additional information:

Misuse can be harmful to health.

12. Ecological information

Ecotoxicity

Toxicity to fish:
Oncorhynchus mykiss/LC50 (96 h): > 100 mg/l

Mobility

No data available.

Additional information

Other ecotoxicological advice:
The product should not be allowed to reach either ground or open waters.

13. Disposal considerations

Do not discharge into drains/surface waters/groundwater.
Test for use in agriculture.
Observe all local regulations.

Contaminated packaging:
Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

14. Transport information

Domestic transport:

Not classified as a dangerous good under transport regulations

Sea transport

IMDG

Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO

Not classified as a dangerous good under transport regulations

15. Regulatory information

Regulations of the European union (Labelling)

Not subject to labelling in accordance with EEC Directives.

Other regulations

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

16. Other information

Full text of hazard symbols and R-phrases if mentioned as hazardous components in chapter 2:

Xn

Harmful.

22

Harmful if swallowed.

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Vertical lines in the left hand margin indicate an amendment from the previous version.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.