

SAFETY DATA SHEET	Version 4 EU+UK	
	Date: 05/03/2014	
Replace : 04/03/2012		
Date of printing: 17/06/2014		
PROFILUX® WG	Page: 1/7	

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 Product identifier**
Trade name **PROFILUX® WG**
Active ingredient Mancozeb, Cymoxanil
Formulation type WG (water dispersible granules)
- 1.2 Recommended uses**
Agricultural fungicide
- 1.3 Supplier of the SDS**
Belchim Crop Protection NV/SA
Technologielaan 7
B-1840 Londerzeel
Tel. +32 (0)52 30 09 06
Fax +32 (0)52 30 11 35
e-mail: info@belchim.com
- 1.4 Emergency telephone number** Anti-poison Center (Brussels) : +32 (0)70 245 245
+24 Emergency telephone number: +32 (0)14 58 45 45

SECTION 2: Hazards identification (*)

2.1 Classification

2.1.1 DSD/DPD

Indication of danger

Xn, Harmful
N, Dangerous for the environment

Adverse human health effects

R43: May cause sensitization by skin contact.
R63: Possible risk of harm to the unborn child

Environmental effects

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

2.1.2 CLP:

Symbol

GHS 07, GHS 08, GHS 09

Indication of Danger

Warning

Adverse human health effects

Skin Sens 1: May cause an allergic skin reaction

Environmental effects

Repr 2: Suspected of damaging fertility. Suspected of damaging the unborn child.

Aquatic Acute 1: Very toxic to aquatic life

Aquatic Chronic 2: Toxic to aquatic life with long lasting effects

2.2 Label elements

2.2.2 CLP

Symbol



Indication of Danger

Warning

H-statements

H317: May cause an allergic skin reaction

H361fd: Suspected of damaging fertility. Suspected of damaging the unborn child.

H400 : Very toxic to aquatic life

H411: Toxic to aquatic life with long lasting effects

P-statements

P273: Avoid release to the environment.

P280: Wear protective gloves and protective clothing

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P308+P313: If exposed or concerned: get medical advice/attention

P391: Collect spillage.

SAFETY DATA SHEET	Version 4 EU+UK	
	Date: 05/03/2014	
Replace : 04/03/2012		
Date of printing: 17/06/2014		
PROFILUX® WG	Page: 2/7	

P501: Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

EUH-statements

EUH208: Contains mancozeb and cymoxanil. May produce an allergic reaction
 EUH401: To avoid risks to human health and the environment, comply with the instructions for use.

2.3 Other hazards

No data available

SECTION 3: Composition/information on ingredients (*)

3.2. Mixtures

Hazardous ingredients	Concentration (w/w)	REACH Number	n° CAS / n° EINECS / Index EC	Classification according to DSD/DPD (symbols / R-phrases) ⁽¹⁾	Classification according to CLP ⁽²⁾
Mancozeb	68%	-	8018-01-7 / - / 006-076-00-1	Xn, N R63 - R43 - R50	Skin Sens. 1 : H317 Repr. 2 : H361d Aquatic Acute 1 : H400 (M=10)
Cymoxanil	4,6%	-	57966-95-7/261-043-0/ 616-035-00-5	Xn, N R 22-48/22-43-62-63-50/53	Acute Tox 4: H302 Aquatic Acute 1: H400 (M=1) Aquatic Chronic 1: H410(M=1) Repr 2: H361fd Skin Sens 1: H317 STOT RE 2: H373
Sodium diisopropyl naphthalene sulphonate	2%	-	-/-/-	Xn, R20/22-36/37	Acute Tox 4: H302 Acute Tox 4: H332 Eye Irrit 2: H319 STOT SE 3: H335

⁽¹⁾ For R-phrases in full: see heading 2 and 16

⁽²⁾ For H-statements in full: see heading 2 and 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General notes:

In the event of any complaints or symptoms, avoid further exposure.

Treat symptomatically. If you feel unwell seek medical advice (show the label where possible).

Following inhalation

Assure fresh air breathing. Allow the victim to rest. Immediately get medical attention

Following ingestion

Wash out mouth with plenty of water. Allow the victim to rest. Induce vomiting. Administer an aqueous slurry of activated charcoal. Immediately get medical attention.

Following skin contact

Remove contaminated clothing and shoes. Wash skin with much water and soap. Seek medical advice

Following eye contact

Rinse immediately with plenty of water. With the eyelid wide open for at least 15 minutes. Remove contact lenses if present. Immediately get medical attention.

Self-protection of the first aider

Avoid exposure. Wear suitable protection.

4.2 Effect en symptoms

Inhalation

Cough. Sneeze. Sore throat. Pain behind breastbone

Ingestion

Vomiting. Diarrhoea. Irritating to gastro intestinal tracts.

SAFETY DATA SHEET	Version 4 EU+UK	
	Date: 05/03/2014	
Replace : 04/03/2012		
Date of printing: 17/06/2014		
PROFILUX® WG	Page: 3/7	

Skin contact

Irritating to skin. May cause sensitization by skin contact.

Eye contact

Irritating to eyes.

4.3. Indication of any immediate medical attention and special treatment needed

Anti-poison Center (Brussels) : +32 (0)70 245 245

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable

Foam. Dry chemical. Water fog. Carbon dioxide.

Unsuitable

No data available

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Burning may produce: dangerous vapours/gases. See also Heading 10 (Stability and reactivity).

5.3. Advice for firefighters

Specific fire-fighting methods

Exercise caution when fighting any chemical fire.
Avoid (reject) fire-fighting water to enter environment.
Fight fire from safe distance and protected location

Protection of fire-fighters

Wear suitable protective clothing. Self-contained breathing apparatus with full face shield. Fight fire from safe distance and protected location

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Prevent formation of clouds of dust. In the event of major spillage evacuate room. Contact an expert immediately. No smoking. Wear suitable protective clothing, gloves, eye/face protection and respiratory protection. Keep public away from danger area.

6.2 Environmental precautions

Prevent dispersion. Prevent formation of clouds of dust. In the event of major spillage: contact an expert immediately. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters. Make provisions to collect extinguishing water after fires.

6.3 Methods for cleaning up

Methods for cleaning up : Prevent dispersion. Clean up the remainder carefully. Collect spilled material in sealable containers. Remove as chemical waste, according to national or local legislation.
After spillage and/or leakage : Clean up any spills as soon as possible. Sweep up dry powder and dispose very properly. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters. Collect spilled material in sealable containers. Remove as chemical waste, according to national or local legislation.

6.4 Reference to other sections

See section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions

Read label before use. No naked lights. No smoking. Prevent formation of clouds of dust. Do not breathe dust.

Hygiene measures

When using, do not eat, drink or smoke. Wear suitable protective clothing and gloves.

7.2 Storage and packaging conditions

Storage conditions:

Keep out of reach of children. Keep away from food, drink and animal feeding stuffs. Keep in fireproof place. Store in a dry, cool, well-ventilated area. According to national or local legislation. Keep away from: moist, heat sources, sources of ignition.

Packaging materials:

Use original packaging

7.3 Specific end uses

Agricultural fungicide

SAFETY DATA SHEET	Version 4 EU+UK	
	Date: 05/03/2014	
Replace : 04/03/2012		
Date of printing: 17/06/2014		
PROFILUX® WG	Page: 4/7	

SECTION 8: Exposure controls/personal protection

8.1 Control parameters:	No limit of professional exposure is known
8.2. Exposure controls	
Appropriate engineering controls :	Provide adequate ventilation.
Individual protection measures:	
- Hygiene	When using, do not eat, drink or smoke. Wash hands and face with soap and water before the break. Shower after work. Wear clean working clothes every day.
- Eye/Face protection	Face shield
- Skin/Hand protection	Neoprene gloves. Protective clothing.
- Respiratory protection	Dust respirator
Environmental exposure controls	

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Granules
Colour:	Light brown
Solubility in water	In water, the material disperses
pH diluted	6,7
Tap density	0.70 g/ml
Flammability	Not flammable
Auto-ignition temperature	158°C
Explosive properties:	No explosive properties
Oxidising properties:	No oxidising properties

9.2. Other information

SECTION 10: Stability and reactivity

10.1 Reactivity	Stable under normal circumstances. May decompose on contact with moist air or water.
10.2 Chemical stability	
10.3 Possibility of hazardous reactions	Burning may produce e.g. : Hydrogen sulfide. Carbon monoxide. Carbon disulfide. Sulfur oxides. Nitrogen oxides. Manganous oxides. Zinc oxides. Hydrocarbons. May decompose on contact with moist air or water. May ignite spontaneously.
10.4 Conditions to avoid	Elevated temperatures. Open flame. Moist.
10.5 Incompatible materials	Moist. Acids
10.6 Hazardous decomposition products	Thermal decomposition generates dangerous vapours.

SECTION 11: Toxicological information (*)

11.1 Information on toxicological effects

On active substance Mancozeb	Mancozeb: data obtained from the Review Report for mancozeb (SANCO/4058/2001 rev. 4.3, 3 June 2005)
General	At very high levels mancozeb has caused birth defects in test animals.
Acute toxicity	
Acute Rat oral LD50 [mg/kg]	> 5000
Acute Rat dermal LD50 [mg/kg]	> 2000
Acute Rat inhalation LC50 [mg/l/4u]	> 5.14, whole body exposure

SAFETY DATA SHEET	Version 4 EU+UK	
	Date: 05/03/2014	
Replace : 04/03/2012		
Date of printing: 17/06/2014		
PROFILUX® WG	Page: 5/7	

Skin irritation: Non irritant
Eye irritation: Slightly irritant, no classification needed
Skin sensitization: Sensitiser (M&K)

On active substance Cymoxanil Data obtained from the list of endpoints for cymoxanil

Acute toxicity

Acute Rat oral LD50 [mg/kg] = 960
Acute Rat dermal LD50 [mg/kg] > 2000
Acute Rat inhalation LC50 [mg/l/4u] > 5.6, nose only
Skin irritation: Non irritant
Eye irritation: Slightly irritant, no classification required
Skin sensitization: Sensitising (M&K)

On mixture

General May cause an allergic skin reaction
Suspected of damaging fertility. Suspected of damaging the unborn child.
Further data not available

SECTION 12: Ecological information

12.1 Toxicity

On active substance Mancozeb:

Mancozeb: data obtained from the Review Report for mancozeb (SANCO/4058/2001 rev. 4.3, 3 June 2005)

Acute toxicity

-Aquatic organisms:

96 H-LC50 – *Rainbow trout* [mg/l] < 1
EC50-48H-*Daphnia Magna* mg/l < 1

-Algae: No data available

On active substance Cymoxanil:

Cymoxanil: Data obtained from the list of endpoints for cymoxanil

Acute toxicity

-Aquatic organisms:

96 H-LC50 – *Lepomis macrochirus* [mg/l] = 29
EC50-48H-*Daphnia Magna* mg/l = 27

-Algae: LC50-96H-*Anabaena flos-aquae* [mg/l] < 1

On the mixture:

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

Further data not available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

SAFETY DATA SHEET	Version 4 EU+UK	
	Date: 05/03/2014	
Replace : 04/03/2012		
Date of printing: 17/06/2014		
PROFILUX® WG	Page: 6/7	

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste-disposal procedures	Prevent dispersion. Remove waste product to a suitable incinerator. According to national or local legislation.
Waste of residues	Keep waste separate. Remove as chemical waste, according to national or local legislation.
Contaminated packaging	Keep waste packaging separate. Remove as chemical waste, according to national or local legislation.

SECTION 14: Transport information

Land transport (RID/ADR)

Proper shipping name	Environmentally hazardous substance, solid, n.o.s. (cymoxanil, mancozeb)
UN number	3077
Hazard identification number	90
Labelling	9
Class	9
Classification code	M7
Packaging group	III

Marine transport (IMO/IMDG)

Proper shipping name	Environmentally hazardous substance, solid, n.o.s. (cymoxanil, mancozeb)
UN number	3077
Hazard identification number	90
Packaging group	III
Marine pollutant	Yes

Air transport (ICAO/IATA)

Proper shipping name	Environmentally hazardous substance, solid, n.o.s. (cymoxanil, mancozeb)
UN number	3077
Class	9
Packaging group	III

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available

15.2. Chemical safety assessment

No

SECTION 16: Other information

R-phrases:

R22: Harmful if swallowed
R20/22: Harmful by inhalation and if swallowed
R36/37: Irritating to eyes and to respiratory system
R48/22 : Harmful: danger of serious damage to health by prolonged exposure if swallowed.
R50: Very toxic to aquatic organisms.
R62 Possible risk of impaired fertility.

SAFETY DATA SHEET	Version 4 EU+UK	
	Date: 05/03/2014	
Replace : 04/03/2012		
Date of printing: 17/06/2014		
PROFILUX® WG	Page: 7/7	

H-phrases: H302: Harmful if swallowed
H319: Causes serious eye irritation
H332 Harmful if inhaled
H335 May cause respiratory irritation
H400: Very toxic to aquatic life
H410: Very toxic to aquatic life with long lasting effects
H373 May cause damage to organs through prolonged or repeated exposure

Classes: Aquatic Acute 1: Aquatic acute category 1
Aquatic Chronic 1: Aquatic chronic category 1
Aquatic Chronic 2: Aquatic chronic category 2
Acute Tox 4: Acute toxicity category 4
Eye Irrit 2: Eye irritation category 2
Repr 2: Reproductive toxicity category 2
Skin Sens 1: Skin sensitization category 1
STOT RE 2: Specific Organ toxicity repeated exposure category 2
STOT SE 3: Specific Organ toxicity single exposure category 3

Sources of key data used: Dossier Belchim Crop Protection NV
SDS-sheets of ingredients
Database ESIS

Trade name: Profilux® is a registered trade name of Belchim Crop Protection

Further information: This SDS was updated (see date given at the top of the page)
Subheadings and text which have been modified since the previous version are indicated with an asterisk *.

This sheet completes the technical sheets but it does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the risks possibly incurred by using the product for any other purpose than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The mandatory regulations mentioned are only intended to help the user to fulfil his obligations regarding the use of hazardous products. This listing must not be considered exhaustive. It does not exonerate the user from ensuring that other legal obligations than those mentioned do not exist, relating to the use and storage of the product for which he solely is responsible.

This safety data sheet is compliant with EC Regulation 1907/2006 (REACH) as adapted by 453/2010, Directive 67/548/EEC, 1999/45/EC (DSD/DPD) and EC Regulation 1272/2008 (CLP) and EC Regulation 1107/2009 (PPP).

End of the document.