

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 and Regulation (EC) No. 453/2010



CHAMPION WP

Version 1.0

Revision Date 19.11.2015

Print Date 19.11.2015

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

1.1 Product identifier

Trade name : CHAMPION WP

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture : Fungicide

1.3 Details of the supplier of the safety data sheet

Company : Nufarm S.A.S
28 boulevard Zéphirin Camélinat
92230 Gennevilliers
Telephone : +330140855050
Telefax : +330147922545
E-mail address : FDS@fr.nufarm.com
Responsible/issuing person

1.4 Emergency telephone number

Nufarm S.A.S. : +33 1 40 85 51 15
National emergency telephone number : not available

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (67/548/EEC, 1999/45/EC)

R22: Harmful if swallowed.

R38: Irritating to skin.

R41: Risk of serious damage to eyes.

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

2.2 Label elements

Additional Labelling:

EUH401 To avoid risks to human health and the environment, comply with the instructions for use.

Labelling according to EC Directives: 1999/45/EC

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Hazard symbols

:



Xn - Harmful

N - Dangerous for the environment

R-phrase(s)

:

R22
R38
R41
R50/53

Harmful if swallowed.
Irritating to skin.
Risk of serious damage to eyes.
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

:

S 2
S13

S20/21
S26

S39
S46

S56

S60

Keep out of the reach of children.
Keep away from food, drink and animal feedingstuffs.
When using do not eat, drink or smoke.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Wear eye/face protection.
If swallowed, seek medical advice immediately and show this container or label.
Dispose of this material and its container to hazardous or special waste collection point.
This material and its container must be disposed of as hazardous waste.

Special labelling of certain mixtures

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

2.3 Other hazards

A Chemical Safety Assessment is not required for this mixture.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : wettable powder (WP)

Hazardous components

| Chemical Name | CAS-No. EC-No. Registration number | Classification (67/548/EEC) | Classification (REGULATION (EC) No 1272/2008) | Concentration [%] |
|------------------|--|--------------------------------|--|----------------------|
| Copper hydroxide | 20427-59-2 243-815-9 | T; R23 R22 | Acute Tox. 4; H302 Acute Tox. 2; H330 | 88 W/W |

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| | | | | |
|-----------------------|-----------------------|---------------------------------------|---|-------------|
| | | R41 N; R50/53 | Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 2; H411 | |
| Sodium lauryl sulfate | 151-21-3 205-788-1 | F; R11 Xn; R20/22 R37/38 R41 | Flam. Sol. 2; H228 Acute Tox. 4; H302, H332 STOT SE 3; H335 Skin Irrit. 2; H315 Eye Dam. 1; H318 | 0W/W - 5W/W |

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- If inhaled : Move to fresh air.
- In case of skin contact : Take off all contaminated clothing immediately.
Wash immediately affected parts with plenty of water and soap.
- In case of eye contact : Rinse immediately with plenty of water and seek medical advice.

If eye irritation persists, consult a specialist.
- If swallowed : Clean mouth with water.
Do NOT induce vomiting.
If swallowed, seek medical advice immediately and show this container or label.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : No information available.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : Symptomatic treatment

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media : Water spray, Sand, Foam, Carbon dioxide (CO₂)
- Unsuitable extinguishing : High volume water jet

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media

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion.

Hazardous combustion products : In the event of fire (COx) may be formed.

5.3 Advice for firefighters

Special protective equipment for firefighters : Use personal protective equipment. In the event of fire, wear self-contained breathing apparatus.

Further information : Standard procedure for chemical fires. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Refer to protective measures listed in section 8.
Never return spills in original containers for re-use.

6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Pick up and transfer to properly labelled containers.

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Smoking, eating and drinking should be prohibited in the application area.

For personal protection see section 8.

Hygiene measures : Remove and wash contaminated clothing and gloves, including the inside, before re-use.

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7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep out of reach of children.

Store in original container.

Keep in a dry place.

Advice on common storage : Keep away from food, drink and animal feeding stuffs.

7.3 Specific end use(s)

Specific use(s) : none

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

If the sub-section is blank, no value is applicable.

8.2 Exposure controls

Personal protective equipment

Eye protection : Safety glasses

Hand protection

Material : Gloves

Skin and body protection : Long sleeved clothing

Respiratory protection : Effective dust mask

Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.
If the product contaminates rivers and lakes or drains inform respective authorities.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|--|---|
| Appearance | : powder |
| Colour | : Blue to greenish |
| Odour | : mild |
| Odour Threshold | : not determined |
| pH | : ca. 10, Concentration: 10,00 g/l (as aqueous solution) |
| Melting point/freezing point | : Decomposition: Decomposes below the melting point. |
| Boiling point/boiling range | : Not applicable |
| Flash point | : Not applicable |
| Evaporation rate | : Not applicable |
| Flammability (solid, gas) | : The product is not flammable. |
| Lower explosion limit | : No data available |
| Upper explosion limit | : No data available |
| Vapour pressure | : No data available |
| Relative vapour density | : Not applicable |
| Relative density | : No data available |
| Water solubility | : dispersible |
| Solubility in other solvents | : No data available |
| Partition coefficient: n-octanol/water | : log Pow: 0,44 |
| Ignition temperature | : No data available |
| Thermal decomposition | : No data available |
| Viscosity, dynamic | : Not applicable |
| Viscosity, kinematic | : Not applicable |
| Explosive properties | : Not explosive |
| Oxidizing properties | : The substance or mixture is not classified as oxidizing. |

9.2 Other information

none

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SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Conditions to avoid : No decomposition if stored and applied as directed.

10.5 Incompatible materials

Materials to avoid : No data available

10.6 Hazardous decomposition products

Hazardous decomposition products : No decomposition if stored and applied as directed.

Other information : No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Product

Acute oral toxicity : LD50 Rat: 1.098 mg/kg

Acute dermal toxicity : LD50 Rabbit: > 5.000 mg/kg

Skin corrosion/irritation : Species: Rabbit
Result: irritating

Serious eye damage/eye irritation : Species: Rabbit
Result: Risk of serious damage to eyes.

Respiratory or skin sensitisation : Species: Guinea pig
Result: Did not cause sensitization.

STOT - single exposure : Remarks: No data available

STOT - repeated exposure : Remarks: No data available

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Components:

Copper hydroxide :

- Acute oral toxicity : LD50 Rat: 489 - 1.280 mg/kg
- Acute inhalation toxicity : LC50 Rat, female: 0,5 mg/l
Exposure time: 4 h
- Acute dermal toxicity : LD50 Rat: > 2.000 mg/kg
- Skin corrosion/irritation : Species: Rabbit
Result: Mild skin irritation
- Serious eye damage/eye irritation : Species: Rabbit
Result: Severe eye irritation
- Respiratory or skin sensitisation : Species: Guinea pig
Result: Did not cause sensitization.

SECTION 12: Ecological information

12.1 Toxicity

Product:

- Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 0,0165 mg/l
Exposure time: 96 h
Test substance: (copper(II)hydroxide)
Method: OECD Test Guideline 203
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0,038 mg/l
Exposure time: 48 h
Test substance: (copper(II)hydroxide)
Method: OECD Test Guideline 202
- Toxicity to algae : EC50 (Selenastrum capricornutum (green algae)): 0,00939 mg/l
Exposure time: 72 h
Method: Directive 67/548/EEC, Annex V, C.3.
- Toxicity to fish (Chronic toxicity) : NOEC: 0,0155 mg/l
Exposure time: 92 d
Species: Oncorhynchus mykiss (rainbow trout)
Test substance: (copper(II)hydroxide)
- Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0,024 mg/l
Exposure time: 21 d
Species: Daphnia magna (Water flea)
Test substance: (copper(II)hydroxide)

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Toxicity to terrestrial organisms : LD50: 49 µg/bee, oral
Exposure duration: 2 d
Species: Apis mellifera (bees)

LD50: > 57 µg/bee, contact
Exposure duration: 2 d
Species: Apis mellifera (bees)

Components:

Copper hydroxide :

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 0,016 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 0,038 mg/l
Exposure time: 48 h

Toxicity to terrestrial organisms : LC50: 340 mg/kg
Species: Colinus virginianus (Bobwhite quail)

12.2 Persistence and degradability

Product:

Biodegradability : No data available

Physico-chemical removability : No data available

12.3 Bioaccumulative potential

Product:

Bioaccumulation : No bioaccumulation is to be expected (log Pow <= 4).

Partition coefficient: n-octanol/water : log Pow: 0,44

12.4 Mobility in soil

Product:

Mobility : No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : A Chemical Safety Assessment is not required for this mixture.

12.6 Other adverse effects

Product:

Additional ecological information : No other known adverse effects on the environment

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Product : Do not empty into drains.
Dispose of in accordance with local regulations.
Do not dispose of together with household waste.
- Contaminated packaging : Do not re-use empty containers.
Dispose of empty packages through the specific collection services.

SECTION 14: Transport information

14.1 UN number

- ADR : 3077
IMDG : 3077
IATA : 3077

14.2 Proper shipping name

- ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID,
N.O.S. (Copper hydroxide)
IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID,
N.O.S.
IATA : ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID,
N.O.S.

14.3 Transport hazard class

- ADR : 9
IMDG : 9
IATA : 9

14.4 Packing group

- ADR
Labels : 9
Tunnel restriction code : (E)

- IMDG
Packaging group : III
Labels : 9

- IATA
Packaging group : III
Labels : 9

14.5 Environmental hazards

- ADR
Environmentally hazardous : yes

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IMDG

Marine pollutant : yes

IATA

Environmentally hazardous : yes

14.6 Special precautions for user

For personal protection see section 8.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Remarks : Not applicable

SECTION 15: Regulatory information

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

15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this mixture.

SECTION 16: Other information

Full text of R-Phrases

| | |
|-----------------|---|
| Acute Tox. | Acute toxicity |
| Aquatic Acute | Acute aquatic toxicity |
| Aquatic Chronic | Chronic aquatic toxicity |
| Eye Dam. | Serious eye damage |
| Flam. Sol. | Flammable solids |
| R11 | Highly flammable. |
| R20/22 | Harmful by inhalation and if swallowed. |
| R22 | Harmful if swallowed. |

Full text of H-Statements

| | |
|------|--|
| H228 | Flammable solid. |
| H302 | Harmful if swallowed. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H330 | Fatal if inhaled. |
| H332 | Harmful if inhaled. |
| H335 | May cause respiratory irritation. |
| H400 | Very toxic to aquatic life. |
| H411 | Toxic to aquatic life with long lasting effects. |

Further information

Other information : Alterations are indicated in the left hand margin by: II

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This version replaces all previous versions.

Please note the convention used in this document for decimal points and commas for numerical values is as demonstrated by the example: 2,000 is two (to 3 decimal places) and not two thousand, whilst 1.000 is one thousand and not 1 (to 3 decimal places)

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