

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878 Issue date: 13/02/2019 Revision date: 01/08/2023 Supersedes version of: 29/04/2020 Version: 2.2

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

1.1. Product identifier

Trade name	: CHAMPION WG
Product form	: Mixture
Type (Nufarm)	: Country Specific
Country (Nufarm)	: Georgia
CA Code (Nufarm)	: 2692
Product code	: RH 423
Oracle Recipe Code (Nufarm)	: OR2692
Item codes	: 100008767

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

1.2.1. Relevant identified uses

Main use category Use of the substance/mixture : Professional use : Fungicide

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Distributor

Nufarm GmbH & Co KG St.-Peter-Str. 25 4021 Linz - Austria T +43/732/6918-3187 - F +43/732/6918-63187 Katharina.Krueger@nufarm.com

1.4. Emergency telephone number

SECTION 2: Hazards identification

Emergency number

: +43/732/6914-2466 (Produktionsstandort Linz/Österreich) +43/1/4064343 (VergiftungsInformationsZentrale)

2.1. Classification of the substance or mixture	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	
Acute toxicity (oral), Category 4	H302
Serious eye damage/eye irritation, Category 1	H318
Hazardous to the aquatic environment – Acute Hazard, Category 1	H400
Hazardous to the aquatic environment – Chronic Hazard, Category 1 Full text of H-statements: see section 16	H410
Adverse physicochemical, human health and environmental effects	
No additional information available	
2.2. Label elements	
Labelling according to Regulation (EC) No. 1272/2008 [CLP]	
Hazard pictograms (CLP) : GHS05	GHS07 GHS09
Signal word (CLP) : Danger	

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Hazard statements (CLP)	: H302 - Harmful if swallowed. H318 - Causes serious eye damage. H410 - Very toxic to aquatic life with long lasting effects.
Precautionary statements (CLP)	 P280 - Wear protective gloves/protective clothing/eye protection/face protection. P301+P312 - IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER or doctor. P391 - Collect spillage. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
EUH-statements	: EUH401 - To avoid risks to human health and the environment, comply with the instructions for use.

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Copper hydroxide (Cu(OH)2)	(CAS-No.) 20427-59-2 (EC-No.) 243-815-9 (EC Index-No.) 029-021-00-3	75 - 80	Acute Tox. 4 (Oral), H302 Acute Tox. 2 (Inhalation), H330 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)
Kaolin	(CAS-No.) 1332-58-7 (EC-No.) 310-194-1	13.01	Carc. 1A, H350 STOT RE 1, H372
Sodium lauryl sulfate	(CAS-No.) 151-21-3 (EC-No.) 205-788-1	0.5	Flam. Sol. 1, H228 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335

Full text of H- and EUH-statements: see section 16

: Move to fresh air.
: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.
: Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). If eye irritation persists, consult a specialist.

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First-aid measures after ingestion	: Drink plenty of water. Call a physician immediately.
4.2. Most important symptoms and	effects, both acute and delayed
Symptoms/effects	: May cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Irritating to eyes and respiratory system. May cause stomach cramps and vomiting. Causes serious eye damage.
4.3. Indication of any immediate me	edical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media Unsuitable extinguishing media	 Dry powder. Carbon dioxide (CO2). Sand. Foam. Water spray. high volume water jet.
5.2. Special hazards arising from the subs	tance or mixture
Hazardous decomposition products in case of fire	: Carbon oxides (CO, CO2).
5.3. Advice for firefighters	
Protection during firefighting	: Wear recommended personal protective equipment. Wear a self contained breathing apparatus.
Other information	Exercise caution when fighting any chemical fire. Contain the spreading of extinguishing fluids (this product may be hazardous for the environment).

SECTION 6: Accidental release measur	es
6.1. Personal precautions, protective equip	ment and emergency procedures
6.1.1. For non-emergency personnel Protective equipment	: Wear recommended personal protective equipment. Refer to chapter 8.
6.1.2. For emergency responders No additional information available	
6.2. Environmental precautions	
Avoid release to the environment.	
6.3. Methods and material for containment a	and cleaning up
Methods for cleaning up	: Clean up immediately by sweeping or vacuum. Collect leaking and spilled liquid in sealable containers as far as possible.
Other information	: Never return spills in original containers for possible later re-use.
6.4. Reference to other sections	

For further information refer to section 13.

SECTION 7: Handling and storage		
7.1. Precautions for safe handling		
Precautions for safe handling	: Wear personal protective equipment. Keep out of the reach of children.	
7.2. Conditions for safe storage, including any incompatibilities		
Storage conditions	: Store at room temperature. Store in original container. Keep away from food, drink and animal feeding stuffs.	
Storage temperature	: >0°C	

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7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Copper hydroxide (Cu(OH)2) (20427-59-2)		
EU - Indicative Occupational Exposure Limit (IOEL)		
Local name	Copper(II) hydroxide	
IOEL TWA	0.01 mg/m³ (respirable fraction)	
Notes	(Year of adoption 2014)	
Regulatory reference	SCOEL Recommendations	
Bulgaria - Occupational Exposure Limits		
Local name	Меден хидроксид	
OEL TWA	0.1 mg/m³	
Regulatory reference	Наредба № 13 от 30.12.2003 г. за защита на работещите от рискове, свързани с експозиция на химични агенти при работа (изм. и доп. ДВ. бр. 47 от 2021 г., в сила от 04.06.2021 г.)	

Kaolin (1332-58-7)	
Belgium - Occupational Exposure Limits	
OEL TWA	2 mg/m³ (alveolar fraction)
Bulgaria - Occupational Exposure Limits	
OEL TWA	3 mg/m ³ (containing <2% free Crystalline silicon dioxide in respirable fraction-respirable fraction) 6 mg/m ³ (containing <2% free Crystalline silicon dioxide in respirable fraction-inhalable fraction)
Croatia - Occupational Exposure Limits	
GVI (OEL TWA) [1]	2 mg/m³ (respirable dust)
Denmark - Occupational Exposure Limits	
OEL TWA [1]	2 mg/m³ (respirable)
Finland - Occupational Exposure Limits	
HTP (OEL TWA) [1]	2 mg/m³ (respirable dust)
France - Occupational Exposure Limits	
VME (OEL TWA)	10 mg/m³
Ireland - Occupational Exposure Limits	·
OEL TWA [1]	2 mg/m³ (respirable dust)
Poland - Occupational Exposure Limits	·
NDS (OEL TWA)	10 mg/m ³ (the concentration of the respirable Crystalline silica fraction is determined simultaneously-inhalable fraction)
Portugal - Occupational Exposure Limits	
OEL TWA	2 mg/m³ (respirable fraction, particulate matter containing no Asbestos and <1% Crystalline silica)

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Kaolin (1332-58-7)		
Chemical category	A4 - Not Classifiable as a Human Carcinogen	
Spain - Occupational Exposure Limits		
VLA-ED (OEL TWA) [1] 2 mg/m³ (this value is for the particulate matter that is free from Asbestos and contail less than 1% of crystalline Silica-respirable fraction)		
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1]	2 mg/m ³ (respirable dust)	
WEL STEL (OEL STEL)	6 mg/m³ (calculated-respirable dust)	
Switzerland - Occupational Exposure Limits		
MAK (OEL TWA) [1]	3 mg/m ³ (respirable dust)	

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Minimise exposure using measures such as contained and enclosed systems, properly designed and maintained dedicated facilities and suitable general/local exhaust ventilation.

8.2.2. Personal protection equipment

Personal protective equipment:

The recommendations in this section are for employees in manufacturing, formulations and conditioning. For farm users and handlers, please read the product label for suitable personnel protective equipment and apparatus.



8.2.2.1. Eye and face protection

Eye protection:			
Туре	Field of application	Characteristics	Standard
Safety glasses		With side shields	EN 166

8.2.2.2. Skin protection

Skin and body protection:

According to the conditions of use, protective gloves, apron, boots, head and face protection must be worn. EN ISO 13982

Hand protection:

Wear suitable gloves resistant to chemical penetration

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Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Reusable gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	0.4		EN ISO 374
Reusable gloves	Chloroprene rubber (CR)	6 (> 480 minutes)	0.5		EN ISO 374-1/A1 , EN 16523+A1 (type A)
Reusable gloves	Butyl rubber	6 (> 480 minutes)	0.7		EN ISO 374-1/A1 , EN 16523+A1 (type A)
Disposable gloves					EN ISO 374-1/A1 , EN ISO 374-2 (A,B, or C type)

Other skin protection Materials for protective clothing:		
Condition	Material	Standard
According to the conditions of use, protective gloves, apron, boots, head and face protection must be worn		EN ISO 13982

8.2.2.3. Respiratory protection

Respiratory protection:			
Users are advised to consider national Occupational Exposure Limits or other equivalent values. Ensure exposure is below occupational exposure limits (where available).			
Device Filter type Condition Standard			
Wear respiratory protection.	Type P2, (FFP2)	Dust formation	EN 143, EN 149

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Other information:

Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke during use. Keep away from children. Remove contaminated clothing. Separate working clothes from town clothes. Wash contaminated clothing before reuse. Wash hands immediately after handling the product. The wearing of PPE will have to be adapted to working conditions and any discomfort felt during the operation.

SECTION 9: Physical and ch		
9.1. Information on basic physic	al and chemical properties	
Physical state	: Solid	
Colour	: Green. Blue.	
Appearance	: Granulate.	
Odour	: Chemical characterization.	
Odour threshold	: Not available	
Melting point	: Decomposes before melting	
Freezing point	: Not available	
Boiling point	: Not applicable	
Flammability	: Not available	
Explosive properties	: Not explosive.	
Oxidising properties	: Non oxidizing.	
Explosive limits Lower explosive limit (LEL)	: Not applicable	
	: Not applicable	
Upper explosive limit (UEL)	: Not applicable	
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Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not available
рН	: 9.8 - 9.9
pH solution concentration	: 10 g/l
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	Not applicable
Solubility	: Water: Dispersible
Partition coefficient n-octanol/water (Log Kow)	Not available
Partition coefficient n-octanol/water (Log Pow)	: 0.44
Vapour pressure	: Negligible vapour pressure at ambient conditions
Vapour pressure at 50°C	Not available
Density	: Not available
Relative density	: Not available
Relative vapour density at 20°C	: Not applicable
Particle size	Not available
Particle size distribution	: Not available
Particle shape	: Not available
Particle aspect ratio	: Not available
Particle aggregation state	: Not available
Particle agglomeration state	: Not available
Particle specific surface area	: Not available
Particle dustiness	: Not available

9.2.1. Information with regard to physical hazard classesNo additional information available9.2.2. Other safety characteristics

Bulk density : 777 kg/m³

SECTION 10: Stability and reactivity
10.1. Reactivity
No additional information available
10.2. Chemical stability
Stable under normal conditions.
10.3. Possibility of hazardous reactions
No additional information available
10.4. Conditions to avoid
No additional information available
10.5. Incompatible materials
None.
10.6. Hazardous decomposition products
Avoid temperature above 60 °C

SECTION 11: Toxicologic	al information	
11.1. Information on hazard	classes as defined in Regulation (EC) No 1272/2008	
Acute toxicity (oral)	: Harmful if swallowed.	

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Acute toxicity (inhalation)	: Not classified
CHAMPION WG	
LD50 oral rat	501 – 2000 mg/kg
LD50 dermal rat	> 5000
LC50 Inhalation - Rat	0.53 – 1.97 mg/l

Copper hydroxide (Cu(OH)2) (20427-59-2)	
LD50 oral rat	2.16 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 Inhalation - Rat	1.04 mg/l/4h

Kaolin (1332-58-7)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 5000 mg/kg

LD50 dermal rabbit 200 mg/kg LC50 Inhalation - Rat > 3900 mg/m³ (Exposure time: 1 h) Skin corrosion/irritation : Not classified pH: 9.8 – 9.9 Serious eye damage/irritation : rabbit. Severe eye irritation. Risk of serious damage to eyes pH: 9.8 – 9.9 Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified Kaolin (1332-58-7) :	Sodium lauryl sulfate (151-21-3)	
LC50 Inhalation - Rat > 3900 mg/m³ (Exposure time: 1 h) Skin corrosion/irritation : Not classified pH: 9.8 – 9.9 serious eye damage/irritation : rabbit. Severe eye irritation. Risk of serious damage to eyes pH: 9.8 – 9.9 serious eye damage/irritation : rabbit. Severe eye irritation. Risk of serious damage to eyes pH: 9.8 – 9.9 serious eye damage/irritation : rabbit. Severe eye irritation. Risk of serious damage to eyes pH: 9.8 – 9.9 Respiratory or skin sensitisation : Guinea pig. Did not cause sensitisation Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified Sodium lauryl sulfate (151-21-3) StoT-single exposure STOT-repeated exposure : Not classified STOT-repeated exposure : Not classified Kaolin (1332-58-7)	LD50 oral rat	1288 mg/kg
Skin corrosion/irritation : Not classified pH: 9.8 – 9.9 Serious eye damage/irritation : rabbit. Severe eye irritation. Risk of serious damage to eyes pH: 9.8 – 9.9 Respiratory or skin sensitisation : Guinea pig. Did not cause sensitisation Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-single exposure May cause respiratory irritation. STOT-repeated exposure : Not classified Kaolin (1332-58-7) .	LD50 dermal rabbit	200 mg/kg
pH: 9.8 – 9.9 Serious eye damage/irritation : rabbit. Severe eye irritation. Risk of serious damage to eyes pH: 9.8 – 9.9 Respiratory or skin sensitisation : Guinea pig. Did not cause sensitisation Germ cell mutagenicity : Not classified Carcinogenicity Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-single exposure : Not classified : STOT-repeated exposure : Not classified : STOT-repeated exposure : Not classified : Reproduction (1332-58-7)	LC50 Inhalation - Rat	> 3900 mg/m³ (Exposure time: 1 h)
pH: 9.8 – 9.9 Respiratory or skin sensitisation Germ cell mutagenicity Carcinogenicity Not classified Carcinogenicity Reproductive toxicity STOT-single exposure Sodium lauryl sulfate (151-21-3) STOT-single exposure May cause respiratory irritation. STOT-repeated exposure STOT-repeated exposure Not classified	Skin corrosion/irritation	
Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified Sodium lauryl sulfate (151-21-3) Stot classified STOT-single exposure May cause respiratory irritation. STOT-repeated exposure : Not classified Kaolin (1332-58-7)	Serious eye damage/irritation	
Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified Sodium lauryl sulfate (151-21-3) Stot classified STOT-single exposure May cause respiratory irritation. STOT-repeated exposure : Not classified Kaolin (1332-58-7) Image: Stot Stot Stot Stot Stot Stot Stot Sto	Respiratory or skin sensitisation	Guinea pig. Did not cause sensitisation
Reproductive toxicity : Not classified STOT-single exposure : Not classified Sodium lauryl sulfate (151-21-3) STOT-single exposure STOT-single exposure May cause respiratory irritation. STOT-repeated exposure : Not classified Kaolin (1332-58-7)	Germ cell mutagenicity	
STOT-single exposure : Not classified Sodium lauryl sulfate (151-21-3) STOT-single exposure May cause respiratory irritation. STOT-repeated exposure STOT-repeated exposure Kaolin (1332-58-7)	Carcinogenicity	: Not classified
Sodium lauryl sulfate (151-21-3) STOT-single exposure May cause respiratory irritation. STOT-repeated exposure : Not classified Kaolin (1332-58-7)	Reproductive toxicity	: Not classified
STOT-single exposure May cause respiratory irritation. STOT-repeated exposure : Not classified Kaolin (1332-58-7)	STOT-single exposure	: Not classified
STOT-repeated exposure : Not classified Kaolin (1332-58-7)	Sodium lauryl sulfate (151-21-3)	
Kaolin (1332-58-7)	STOT-single exposure	May cause respiratory irritation.
	STOT-repeated exposure	: Not classified
STOT-repeated exposure Causes damage to organs through prolonged or repeated exposure.	Kaolin (1332-58-7)	
	STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard

: Not classified

11.2. Information on other hazards

No additional information available

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SECTION 12: Ecological information

12.1	- T	
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Hazardous to the aquatic environment, short–term (acute)	: Very toxic to aquatic life.
Hazardous to the aquatic environment, long–term (chronic)	: Very toxic to aquatic life with long lasting effects.

CHAMPION WG		
LC50 96h fish	0.0165 mg/l Oncorhynchus mykiss (Rainbow trout)	
EC50 48h crustacea	0.038 mg/l Daphnia magna (Water flea)	
EC50 72h algae	0.0222 mg/l Selenastrum capricornutum (green algae)	
NOEC (chronic)	0.024 mg/l Daphnia magna (Water flea)	
NOEC chronic fish	0.0155 mg/l Oncorhynchus mykiss (Rainbow trout)	
Additional ecotoxicological information		

Copper hydroxide (Cu(OH)2) (20427-59-2)		
LC50 96h fish	0.023 mg/l Oncorhynchus mykiss (Rainbow trout)	
EC50 48h crustacea	0.0065 mg/l Daphnia magna (Water flea)	
LC50, Colinus virginianus (Bobwhite Quail)	340 mg/Kg	

Sodium lauryl sulfate (151-21-3)	
LC50 96h fish	8 – 12.5 mg/l Pimephales promelas (Fathead Minnow)
LC50 96h fish	15 – 18.9 mg/l Pimephales promelas (Fathead Minnow)
EC50 48h crustacea	1.8 mg/l Daphnia magna (Water flea)
EC50 72h algae	53 mg/l Desmodesmus subspicatus (green algae)
EC50 96h algae	30 – 100 mg/l Desmodesmus subspicatus (green algae)
EC50 96h algae	3.59 – 15.6 mg/l Pimephales promelas (Fathead Minnow)
EC50 96h algae (3)	3.59 – 15.6 mg/l (Species: Pseudokirchneriella subcapitata [static])

12.2. Persistence and degradability

Copper hydroxide (Cu(OH)2) (20427-59-2)		
Persistence and degradability	Not readily biodegradable.	
12.3. Bioaccumulative potential		
CHAMPION WG		
Partition coefficient n-octanol/water (Log Pow)	0.44	
Bioaccumulative potential	Low bioaccumulation potential.	
Copper hydroxide (Cu(OH)2) (20427-59-2)		
Bioaccumulative potential	not soluble.	
Sodium lauryl sulfate (151-21-3)		
BCF - Fish [1]	(will not bioconcentrate)	

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Partition coefficient n-octanol/water (Log Pow)	1.6		
12.4. Mobility in soil			
No additional information available			
12.5. Results of PBT and vPvB assessment			
CHAMPION WG			
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII			
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII			
12.6. Endocrine disrupting properties			
No additional information available			
12.7 Other advorse offects			

Additional information

: No other effects known

SECTION 13: Disposal considerations

13.1. Waste treatment methods

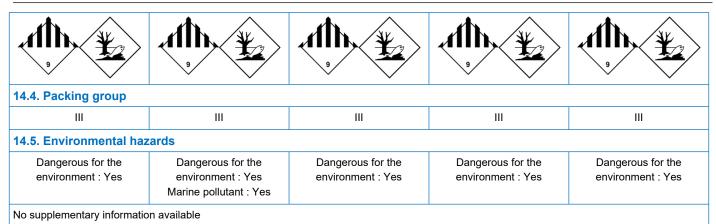
Waste treatment methods: Must follow special treatment according to local regulation.Sewage disposal recommendations: Disposal must be done according to official regulations.Product/Packaging disposal recommendations: Do not re-use empty containers.Additional information: Industrial waste.	Sewage disposal recommendations Product/Packaging disposal recommendations	Disposal must be done according to official regulations.Do not re-use empty containers.
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SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID ADR IMDG ΙΑΤΑ ADN RID 14.1. UN number or ID number UN 3077 UN 3077 UN 3077 UN 3077 UN 3077 14.2. UN proper shipping name ENVIRONMENTALLY ENVIRONMENTALLY ENVIRONMENTALLY ENVIRONMENTALLY Environmentally hazardous HAZARDOUS HAZARDOUS substance, solid, n.o.s. HAZARDOUS HAZARDOUS SUBSTANCE, SOLID, SUBSTANCE, SOLID, SUBSTANCE, SOLID, SUBSTANCE, SOLID, (copper(II)hydroxide) N.O.S. N.O.S. N.O.S. N.O.S. (copper(II)hydroxide) (copper(II)hydroxide) (copper(II)hydroxide) (copper(II)hydroxide) Transport document description (ADR) UN 3077 UN 3077 UN 3077 Environmentally UN 3077 UN 3077 ENVIRONMENTALLY ENVIRONMENTALLY hazardous substance, solid, ENVIRONMENTALLY ENVIRONMENTALLY HAZARDOUS HAZARDOUS n.o.s. (copper(II)hydroxide), HAZARDOUS HAZARDOUS SUBSTANCE, SOLID, SUBSTANCE, SOLID, 9, III SUBSTANCE, SOLID, SUBSTANCE, SOLID, N.O.S. N.O.S. N.O.S. N.O.S. (copper(II)hydroxide), 9, III (copper(II)hydroxide), 9, III, (copper(II)hydroxide), 9, III (copper(II)hydroxide), 9, III MARINE POLLUTANT 14.3. Transport hazard class(es) 9 9 9 9 9

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14.6. Special precautions for user

Overland transport	
Classification code (ADR)	: M7
Special provisions (ADR)	: 274, 335, 375, 601
Limited quantities (ADR)	: 5kg
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P002, IBC08, LP02, R001
Special packing provisions (ADR)	: PP12, B3
Mixed packing provisions (ADR)	: MP10
Portable tank and bulk container instructions (ADR)	: T1, BK1, BK2, BK3
Portable tank and bulk container special provisions	: TP33
(ADR)	
Tank code (ADR)	: SGAV, LGBV
Vehicle for tank carriage	: AT
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V13
Special provisions for carriage - Bulk (ADR)	: VC1, VC2
Special provisions for carriage - Loading, unloading	: CV13
and handling (ADR)	
Hazard identification number (Kemler No.)	: 90
Orange plates	00
	90
	90 3077
	3077
EAC code	: 2Z
Transport by sea	
Special provisions (IMDG)	: 274, 335, 966, 967, 969
Limited quantities (IMDG)	: 5 kg
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P002, LP02
Special packing provisions (IMDG)	: PP12
IBC packing instructions (IMDG)	: IBC08
IBC special provisions (IMDG)	: B3
Tank instructions (IMDG)	: T1, BK1, BK2, BK3
Tank special provisions (IMDG)	: TP33
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-F
Stowage category (IMDG)	: A
Stowage and handling (IMDG)	: SW23
Air transport	
PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y956
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 956
	4001

PCA max net quantity (IATA)

: 400kg

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CAO packing instructions (IATA)	: 956
CAO max net quantity (IATA)	: 400kg
Special provisions (IATA)	: A97, A158, A179, A197
ERG code (IATA)	: 9L
Inland waterway transport	
Classification code (ADN)	: M7
Special provisions (ADN)	: 274, 335, 375, 601
Limited quantities (ADN)	: 5 kg
Excepted quantities (ADN)	: E1
Equipment required (ADN)	: PP, A
Number of blue cones/lights (ADN)	: 0
Additional requirements/Remarks (ADN)	: * Only in the molten state. ** For carriage in bulk see also 7.1.4.1. ** * Only in the case of transport in bulk.
Rail transport	
Classification code (RID)	: M7
Special provisions (RID)	: 274, 335, 375, 601
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P002, IBC08, LP02, R001
Special packing provisions (RID)	: PP12, B3
Mixed packing provisions (RID)	: MP10
Portable tank and bulk container instructions (RID)	: T1, BK1, BK2, BK3
Portable tank and bulk container special provisions (RID)	: TP33
Tank codes for RID tanks (RID)	: SGAV, LGBV
Transport category (RID)	: 3
Special provisions for carriage – Packages (RID)	: W13
Special provisions for carriage – Bulk (RID)	: VC1, VC2
Special provisions for carriage - Loading, unloading and handling (RID)	: CW13, CW31
Colis express (express parcels) (RID)	: CE11
Hazard identification number (RID)	: 90

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

Contains no substance(s) listed on the REACH Candidate List

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

15.1.2. National regulations

No ICPE	Installations classées Désignation de la rubrique	Code Régime	Rayon
4510.text	Dangereux pour l'environnement aquatique de catégorie aiguë 1 ou chronique 1.		

Germany

Water hazard class (WGK)	: WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1)
Netherlands	
SZW-lijst van kankerverwekkende stoffen	: Kaolin is listed
SZW-lijst van mutagene stoffen	: Kaolin is listed
SZW-lijst van reprotoxische stoffen – Borstvoeding	: None of the components are listed
SZW-lijst van reprotoxische stoffen –	: None of the components are listed
Vruchtbaarheid	

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878		
SZW-lijst van reprotoxische stoffen – Ontwikkeling	: None of the components are listed	
Denmark		
Danish National Regulations	 Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal 	
Poland Polish National Regulations	: National polish rules.	

15.2. Chemical safety assessment No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:	
Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Carc. 1A	Carcinogenicity, Category 1A
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Flam. Sol. 1	Flammable solids, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 1	Specific target organ toxicity – Repeated exposure, Category 1
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
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.
H350	May cause cancer.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH401	To avoid risks to human health and the environment, comply with the instructions for use.

NUFARM SDS TEMPLATE

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.