

Safety data sheet

according to Regulation 1907/2006 / EC, article 31

Compilation date: 04.07.2018

Version number 15

Revision: 04.07.2018

SECTION 1: Identification of the substance or company*iscela and the company /*

- **1.1 Product identifier**
- **Commercial name: HYDRROGRUND PLUS**
- **Registration number**
UK-2012-0443,
DE-2012-MA-08-00107,
AT / 2012 / Z / 00080/8,
CH-2014-0020,
IT / 2015/00233 / MRA
CZ-0018796-0000
EE-0017939-0000
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
de No other information available.
- **Application of the substance / the preparation** Wood protection agent.
Coating material
- **1.3 Details of the supplier of the data sheet** safety
- **Manufacturer / supplier:**
Amonn Coatings GmbH
An der Landesbahn 7
A-2100 Korneuburg
Tel .: +43 2262 735 80 - Fax .: +43 2262 735 80-19
- **Distributor:**
JF Amonn srI / GmbH
I-39100 Bolzano / Bozen
Via Altmann 12 Altmannstraße
Tel .: +39 0471 904-911 - Fax .: +39 0471 910-449
- **Information provided by:**Email: verkauf@amonn.at
- **1.4 Emergency telephone number:**
Poison Control Center - Niguarda Hospital - Milan: 02/66101029

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No. 1272 / 2008**
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.
- **2.2 Label elements**
- **Labeling according to Regulation (EC) No. 1272/2 008**
The product is classified and labeled according to the CLP regulation.
- **Hazard pictograms** fails
- **Warning** fails
- **Hazard statements**
H412 Harmful to aquatic life with long lasting effects.
- **Precautionary advice**
P102 Keep out of the reach of children.
P260 Do not breathe dust / fume / gas / mist / vapors / spray. P273 Do not release into the environment.
P501 Dispose of contents / container in accordance with local / regional / national / international.
- **Further data:**
EUH208 Contains propiconazole
, 3-iodo-2-propinylbutylcarbamate, 1,2-benzisothiazol-3 (2H) -one. It can cause an allergic reaction.
- **2.3 Other dangers**
- **Results of PBT and vPvB assessment**
- **PBT:**Not applicable.
- **vPvB:**Not applicable.

SECTION 3: Composition / information on ingredients*nti*

- **3.2 Mixtures**
- **Description:**Mixture of the following substances with non-hazardous additives.

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* **Dangerous substances:**

CAS: 60207-90-1 EINECS: 262-104-4	propiconazole <i>Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302; Skin Sens. 1, H317</i>	0.5-1.5%
CAS: 55406-53-6 EINECS: 259-627-5	3-iodo-2-propinylbutylcarbamate <i>Acute Tox. 3, H331; STOT RE 1, H372; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M = 10); Aquatic Chronic 1, H410 (M = 1); Acute Tox. 4, H302; Skin Sens. 1, H317</i>	<0.5%
CAS: 2634-33-5 EINECS: 220-120-9	1,2-benzisothiazol-3 (2H) -one <i>Eye Dam. 1, H318; Aquatic Acute 1, H400; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317</i>	<0.5%

* **Further information:** The text of the warning of the hazards mentioned can be found in chapter 16**SECTION 4: First aid measures*** **4.1 Description of first aid measures****General indications:**

3-iodine-2-propinyl butylcarbamate (IPBC) is a carbamate with weak anticholinesterase activity. Do not use the product if your doctor advises not to work with substances with anticholinesterase activity.

Remove any clothing contaminated by the product immediately.

Inhalation: Bring to a well-ventilated area, in case of problems consult a doctor.

Skin contact: Generally the product is not irritating to the skin.

Eye contact

Wash with running water for several minutes holding the eyelids wide open. If pain persists, consult your doctor.

Wash with running water for several minutes holding the eyelids wide open and consult your doctor.

Ingestion:

Do not induce vomiting. Seek medical advice immediately. Seek medical advice immediately.

4.2 Main symptoms and effects, both acute and delayed No other information available.

4.3 Indication of any immediate medical attention and special treatment needed

No other information available.

SECTION 5: Firefighting measures* **5.1 Extinguishing media****Suitable extinguishing media:**

CO₂, powder or water spray. Extinguish large fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance the mixture
or No other information available.

5.3 Recommendations for firefighters of fires

Specific protective means: No special measures are required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Not necessary.

6.2 Environmental precautions:

Prevent the entry of the product into sewers or water courses.

In case of infiltration into bodies of water or sewers, notify the competent authorities.

6.3 Methods and materials for containment and cleaning up:

Collect the liquid with absorbent material (sand, diatomaceous earth, sawdust). Provide sufficient ventilation.

6.4 Reference to other sections

For information on safe handling see Section 7.

For information on personal protective equipment see Chapter 8.

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For information on disposal, see Chapter 13.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Accurate ventilation / extraction in the workplace. Avoid the formation of aerosols.
- **Advice in case of fire and explosion:** No special measures are required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements for warehouses and vessels:**
Store in a dry and well ventilated place, between + 5 ° C and + 40 ° C. Protect from heat and direct sunlight. Keep containers tightly closed.
- **Notes on mixed storage:** Do not store in contact with food.
- **Further information relating to the conditions of i** storage:None.
- **Storage class:** 10
- **7.3 Specific end uses** No other information available.

SECTION 8: Exposure controls / protection in individual

- **Further information on the structure of implants t** technical:No further data, see point 7
- **8.1 Control parameters**
- **Components with limit values to be met** under control in the workplace
The product does not contain relevant quantities of substances whose limit values have to be monitored at the workplace.
- **Further information:**The lists valid at the date of compilation were used as a basis.
- **8.2 Exposure controls**
- **Individual protective means**
- **General protective and occupational hygiene rules:**
During work it is forbidden to eat and drink.
Wash hands before breaks or at the end of work. Do not inhale gas / vapor / aerosol.
- **Protective mask:**In insufficiently ventilated areas, use a protective mask.
- **Protective Gloves:**
The glove material has to be impermeable and resistant to the product / the substance / the preparation.
Due to lack of tests no recommendation to the glove material of any type can be made for the product / the preparation / the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
- **Glove material**
The selection of the suitable gloves does not only depend on the material but also on other quality characteristics which vary from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Breakthrough time of glove material**
The exact breakthrough time has to be found out by the manufacturer of the gloves and has to be observed.
- **Safety goggles:**The use of protective goggles is recommended when pouring.

SECTION 9: Physical and chemical properties

- **9.1 Information on physical and chemical properties** fundamental
- **General indications**
- **Appearance:**
- **Form:** liquid
- **Color:** whitish
- **Odor:** delicate
- **Odor threshold:** Undefined.
- **pH values at 20 ° C:** 6.6-7.0

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• Change of state Melting point / freezing point: Initial boiling point and boiling range:	Undefined 100 ° C
• Flash point:	> 79 ° C
• Flammability (solid, gas):	Not applicable.
• Decomposition temperature:	Undefined.
• Self-ignition temperature:	Not self-igniting product.
• Explosive properties:	Non-explosive product.
• Flammability limits: lower: superior:	Undefined. Undefined.
• Vapor pressure at 20 ° C:	23 hPa
• Density at 20 ° C:	1.00 g / cm ³
• Relative density	Undefined.
• Vapor density:	Undefined.
• Evaporation rate	Undefined.
• Solubility in / Miscibility with Water:	little and / or not miscible
• Partition coefficient: n-octanol / water:	Undefined.
• Viscosity: dynamics at 20 ° C: kinematics:	1.28 mPas Undefined.
• Solvent content: Organic solvents: Waterfall:	1.3% 93.2%
• Solid content:	4.1%
• 9.2 Other information	No other information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity**No other information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to avoid:**
The product does not decompose if used as directed.
- **10.3 Possibility of hazardous reactions** There are no known dangerous reactions.
- **10.4 Conditions to avoid** No other information available.
- **10.5 Incompatible materials:** No other information available.
- **10.6 Hazardous decomposition products:** There are no known dangerous decomposition products.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity**Based on available data, the classification criteria are not met.

• **LD / LC50 values relevant for classification:**

60207-90-1 propiconazole

Oral LD50 1,517 mg / kg (Rat (Rattus))

Cutaneous LD50 4,000 mg / kg (Rat (Rattus))

For inhalation LC50 / 4 h > 5,800 mg / l (Rat (Rattus))

55406-53-6 3-iodo-2-propynyl butylcarbamate

Oral LD50 1,470 mg / kg (Rat (Rattus))

Cutaneous LD50 > 2,000 mg / kg (Rabbit (Cuniculus))

Inhalation LC50 / 4 h 0.67 mg / l (Rat (Rattus))

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2634-33-5 1,2-benzisothiazol-3 (2H) -one

Oral	LD50	500 mg / kg (ATE)
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- Primary irritability:
- On the skin: Based on available data, the classification criteria are not met.
- On the eyes: Based on available data, the classification criteria are not met.
- Respiratory or skin sensitization
Based on available data, the classification criteria are not met.
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
- Germ cell mutagenicity
Based on available data, the classification criteria are not met.
- Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity
Based on available data, the classification criteria are not met.
- Specific Target Organ Toxicity (STOT) - and single exposure Based on available data, the classification criteria are not met.
- Specific target organ toxicity (STOT) - and repeated exposure Based on available data, the classification criteria are not met.
- Aspiration hazard
Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- 12.1 Toxicity
- Aquatic toxicity: No other information available.
- 12.2 Persistence and degradability No other information available. No
- 12.3 Bioaccumulative potential other information available.
- 12.4 Mobility in soil No other information available.
- Toxic effects on the environment:
- Remarks: Harmful to fish.
- Further environmental information:
- Further information:
Water hazard class 2 (D) (Self-classification): dangerous Do not enter groundwater, water courses or sewers.
Danger for drinking water even in case of leaks into the subsoil of small quantities of product.
harmful to aquatic organisms
- 12.5 Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.
- 12.6 Other adverse effects No other information available.

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
- Advice: Do not dispose of the product with household waste. Do not enter the sewers
- European waste catalog
- 03 02 05 * other wood preservation products containing dangerous substances
- Uncleaned packaging:
- Advice: Disposal in accordance with administrative regulations.

SECTION 14: Transport information

- | | |
|---------------------------------|-------|
| • 14.1 UN number | |
| • ADR, ADN, IMDG, IATA | fails |
| • 14.2 UN proper shipping name | |
| • ADR, ADN, IMDG, IATA | fails |
| • 14.3 Transport hazard classes | |
| • ADR, ADN, IMDG, IATA | |
| • Class | fails |

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|---|------------------------|
| • 14.4 Packing group
• ADR, IMDG, IATA | fails |
| • 14.5 Environmental hazards:
• Marine pollutant: | No |
| • 14.6 Special precautions for users | Not applicable. |
| • 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code | Not applicable. |
| • UN "Model Regulation": | fails |

SECTION 15: Regulatory information

- 15.1 Laws and regulations on health, safety and environment specific to the substance or mixture
 - Directive 2012/18 / EU
 - Specified dangerous substances - ANNEX I
 - REGULATION (EC) n. 1907/2006 ANNEX XVII

None of the components are contained.
Restrictions: 3
- National regulations:
- Air technical instruction:

Class	share in%
NC	1.3
- Water hazard class:
Water hazard class 2 (WGK2) (Self-classification): dangerous
- 15.2 Chemical safety assessment:
A chemical safety assessment has not been carried out.

SECTION 16: Other information

The data are based on our current knowledge, however they do not represent any guarantee of the product characteristics and do not justify any contractual legal relationship.

- Relevant phrases
H302 Harmful if swallowed. H315
Causes skin irritation.
H317 May cause an allergic skin reaction. H318
Causes serious eye damage.
H331 Toxic if inhaled.
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.
- Card issued by: Technical department.
- Abbreviations and acronyms:
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ICAO: International Civil Aviation Organization
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods IATA:
International Air Transport Association
GHS: Globally Harmonized System of Classification and Labeling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS:
European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic vPvB:
very Persistent and very Bioaccumulative Acute
Tox. 4: Acute toxicity - Category 4 Acute Tox. 3:
Acute toxicity - Category 3
Skin Irrit. 2: Skin corrosion / irritation - Category 2 Eye Dam. 1:
Serious eye damage / eye irritation - Category 1 Skin Sens. 1:
Skin sensitization - Category 1
STOT RE 1: Specific target organ toxicity (repeated exposure) - Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1 Aquatic Chronic 1:
Hazardous to the aquatic environment - long-term aquatic hazard - Category 1

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Aquatic Chronic 3: Hazardous to the aquatic environment - long-term hazard to the aquatic environment - Category 3
• **Data compared to the previous version altered*

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