

Article No.: HG1-200 griwecolor Wood primer  
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## griwecolor Wood primer

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

#### 1.1. product identifiers

Article No. (manufacturer/supplier): HG1-200  
Identification of the substance or mixture: griwecolor Wood primer  
white

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

**Relevant identified uses**  
see as in techn. data sheet

#### 1.3. Details of the supplier of the safety data sheet

##### supplier (manufacturer/importer/downstream user/distributor)

griwecolor  
Farben und Beschichtungen GmbH Telephone: +49(0)7707 9904-0  
Wieselbrunnen 2 Telefax: +49(0)7707 9904-50  
D-78199 Bräunlingen-Döggingen

##### Dept. responsible for information:

Herr Grieshaber  
E-mail (competent person) info@griwecolor.de

#### 1.4. Emergency telephone number

Emergency telephone number +49 (0)7707 99040  
Only available during office hours.  
8.00 - 12.00 / 13.00 - 16.30

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

XXX

##### Classification according to Regulation (EC) No 1272/2008 [CLP]

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Aquatic Chronic 3 / H412 Hazardous to the aquatic environment Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

XXX

The product is classified and labelled according to EC directives or corresponding national laws.

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

##### Hazard pictograms

##### Hazard statements

H412 Harmful to aquatic life with long lasting effects.

##### Precautionary statements

P273 Avoid release to the environment.

P501 Dispose of contents/container to industrial incineration plant.

##### contains:

not applicable

##### Supplemental Hazard information (EU)

EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

#### 2.3. Other hazards

none

### SECTION 3: Composition / information on ingredients

#### 3.2. Mixtures

XXX

##### Product description / chemical characterization

Description: waterbased Dispersion

##### Hazardous ingredients:

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### Classification according to Regulation (EC) No 1272/2008 [CLP]

EC No. CAS No. INDEX No.	REACH No. Chemical name classification: // Remark	Wt %
	Polymer with quaternized ammonium groups Aquatic Acute 1 H400 / Aquatic Chronic 1 H410	0,5 - 1
220-120-9 2634-33-5 613-088-00-6	1,2-benzisothiazol-3(2H)-one Acute Tox. 4 H302 / Acute Tox. 2 H330 / Skin Irrit. 2 H315 / Eye Dam. 1 H318 / Skin Sens. 1 H317 / Aquatic Acute 1 H400 / Aquatic Chronic 2 H411	< 0,01
13463-41-7	Zinc pyrithione Acute Tox. 3 H301 / Acute Tox. 2 H330 / Eye Dam. 1 H318 / Aquatic Acute 1 H400 (M = 100) / Aquatic Chronic 1 H410 (M = 10)	< 0,01

### Additional information

Full text of classification: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Following skin contact

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

#### After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

#### After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.

### 4.2. Most important symptoms and effects, both acute and delayed

In all cases of doubt, or when symptoms persist, seek medical advice.

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

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

The product itself does not burn.

#### Suitable extinguishing media:

Not applicable

#### Extinguishing media which must not be used for safety reasons:

Not applicable

### 5.2. Special hazards arising from the substance or mixture

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

### 5.3. Advice for firefighters

Provide a conveniently located respiratory protective device.

#### Additional information

Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

See protective measures under point 7 and 8.

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### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

### **6.3. Methods and material for containment and cleaning up**

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13). Clean using cleansing agents. Do not use solvents.

### **6.4. Reference to other sections**

Observe protective provisions (see section 7 and 8).

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

#### **Advices on safe handling**

Avoid contact with skin, eyes and clothes. When using do not eat or drink.

### **7.2. Conditions for safe storage, including any incompatibilities**

#### **Requirements for storage rooms and vessels**

Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

#### **Hints on joint storage**

Not applicable.

#### **Further information on storage conditions**

Store in a well-ventilated and dry room at temperatures between 5 °C and 25 °C. Protect from sunlight. Take care of instructions on label.

Protect against: Frost

### **7.3. Specific end use(s)**

Observe technical data sheet. Observe instructions for use.

## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

#### **Occupational exposure limit values**

not applicable

### **8.2. Exposure controls**

#### **Occupational exposure controls**

##### **Respiratory protection**

Not applicable.

##### **Hand protection**

For prolonged or repeated handling the following glove material must be used: PVC (polyvinyl chloride)

Thickness of the glove material > 0,4 mm; Breakthrough time (maximum wearing time) >480 min .

Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin: . Recommended glove articles DIN EN 374

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

##### **Eye protection**

Wear closely fitting protective glasses in case of splashes. Recommended eye protection articles: Wear eye glasses with side protection according to EN 166.

##### **Protective clothing**

Wear dust-resistant protective clothing.

##### **Protective measures**

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

##### **Environmental exposure controls**

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Do not allow to enter into surface water or drains. See chapter 7. No additional measures necessary.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance:</b>	
<b>Physical state:</b>	Liquid
<b>Colour:</b>	refer to label
<b>Odour:</b>	characteristic
<b>Odour threshold:</b>	not applicable
<b>pH at 20 °C:</b>	not applicable
<b>Melting point/freezing point:</b>	not applicable
<b>Initial boiling point and boiling range:</b>	100 °C Source: Wasser
<b>Flash point:</b>	Not applicable
<b>Evaporation rate:</b>	not applicable
<b>Flammability (solid, gas):</b>	
<b>Burning time (s):</b>	not applicable
<b>Upper/lower flammability or explosive limits:</b>	
<b>Lower explosion limit:</b>	not applicable
<b>Upper explosion limit:</b>	not applicable
<b>Vapour pressure at 20 °C:</b>	not applicable
<b>Vapour density:</b>	not applicable
<b>Relative density:</b>	
<b>Density at 20 °C:</b>	1,25 g/cm <sup>3</sup>
<b>Solubility(ies):</b>	
<b>Water solubility (g/L) at 20 °C:</b>	miscible
<b>Partition coefficient: n-octanol/water:</b>	see section 12
<b>Auto-ignition temperature:</b>	not applicable
<b>Decomposition temperature:</b>	not applicable
<b>Viscosity at °C:</b>	43dPas/Sp1/20°C
<b>Explosive properties:</b>	not applicable
<b>Oxidising properties:</b>	not applicable

#### 9.2. Other information

<b>solvent content:</b>	
<b>Organic solvents:</b>	0 Wt %

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

This material is considered to be non-reactive under normal use conditions.

#### 10.2. Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

#### 10.3. Possibility of hazardous reactions

Not applicable.

#### 10.4. Conditions to avoid

Not applicable.

#### 10.5. Incompatible materials

none

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### 10.6. Hazardous decomposition products

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

## SECTION 11: Toxicological information

Classification according to Regulation (EC) No 1272/2008 [CLP]  
No data on preparation itself available.

### 11.1. Information on toxicological effects

XXX

#### Acute toxicity

1,2-benzisothiazol-3(2H)-one  
oral, LD50, Rat: 1193 mg/kg  
dermal, LD50, Rat: 4115 mg/kg

#### Practical experience/human evidence

Other observations:

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

#### Overall Assessment on CMR properties

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

#### Remark

There is no information available on the preparation itself .

## SECTION 12: Ecological information

#### overall evaluation

Classification according to Regulation (EC) No 1272/2008 [CLP]  
There is no information available on the preparation itself .  
Do not allow to enter into surface water or drains.

### 12.1. Toxicity

XXX

1,2-benzisothiazol-3(2H)-one  
Fish toxicity, LC50, Oncorhynchus mykiss (Rainbow trout): 2,18 mg/l (96 h)  
Daphnia toxicity, EC50, Daphnia magna: 2,94 mg/l (48 h)  
Algae toxicity, ErC50, Pseudokirchneriella subcapitata: 0,11 mg/l

#### Long-term Ecotoxicity

Toxicological data are not available.

### 12.2. Persistence and degradability

Toxicological data are not available.

### 12.3. Bioaccumulative potential

Toxicological data are not available.

#### Bioconcentration factor (BCF)

Toxicological data are not available.

### 12.4. Mobility in soil

Toxicological data are not available.

### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6. Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Appropriate disposal / Product

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### Recommendation

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

### List of proposed waste codes/waste designations in accordance with EWC

080111 Waste paint and varnish containing organic solvents or other dangerous substances

### packaging

#### Recommendation

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

## SECTION 14: Transport information

**This mixture is not classified as dangerous according to international transport regulations (ADR/RID, IMDG, ICAO/IATA).**

**No dangerous good in sense of this transport regulation.**

- |   |                |
|---|----------------|
| 14.1. UN number   | not applicable |
| 14.2. UN proper shipping name   | not applicable |
| 14.3. Transport hazard class(es)  | not applicable |
| 14.4. Packing group   | not applicable |
| 14.5. Environmental hazards   |                |
| Land transport (ADR/RID)  | not applicable |
| Marine pollutant  | not applicable |
| 14.6. Special precautions for user  |                |
| Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage. |                |
| Advices on safe handling: see parts 6 - 8   |                |
| <b>Further information</b>  |                |
| <b>Land transport (ADR/RID)</b>   |                |
| tunnel restriction code   | -              |
| <b>Sea transport (IMDG)</b>   |                |
| EmS-No.   | not applicable |
| <b>Air transport (ICAO-TI / IATA-DGR)</b>   |                |
| 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code  | not applicable |

## SECTION 15: Regulatory information

- 15.1. **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- EU legislation**
- Directive 2010/75/EU on industrial emissions**  
VOC-value (in g/L): 0,1
- National regulations**
- Restrictions of occupation**  
Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.  
Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).
- 15.2. **Chemical Safety Assessment**

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Chemical safety assessments for substances in this preparation were not carried out.

### SECTION 16: Other information

XXX

#### Full text of classification in section 3:

Aquatic Acute 1 / H400	Hazardous to the aquatic environment	Very toxic to aquatic organisms.
Aquatic Chronic 1 / H410	Hazardous to the aquatic environment	Very toxic to aquatic life with long lasting effects.
Acute Tox. 4 / H302	Acute toxicity (oral)	Harmful if swallowed.
Acute Tox. 2 / H330	Acute toxicity (inhalative)	Fatal if inhaled.
Skin Irrit. 2 / H315	skin corrosion/irritation	Causes skin irritation.
Eye Dam. 1 / H318	Serious eye damage/eye irritation	Causes serious eye damage.
Skin Sens. 1 / H317	Respiratory or skin sensitisation	May cause an allergic skin reaction.
Aquatic Chronic 2 / H411	Hazardous to the aquatic environment	Toxic to aquatic life with long lasting effects.
Acute Tox. 3 / H301	Acute toxicity (oral)	Toxic if swallowed.

#### Abbreviations and acronyms

ADR	Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
AGW (WEL)	Occupational Exposure Limit Value
BGW	Biological Limit Value
CAS	Chemicals Abstract Service
CLP	Classification, Labelling and Packaging
CMR	Carcinogenic, Mutagenic and Reprotoxic
DIN	German Institute for Standardization / German industrial standard
DNEL	Derived No-Effect Level
EAKV	European Waste Catalogue Directive
EC	Effective Concentration
EC	Europäische Gemeinschaft/en (European Community/ies)
EmS-No.	Emergency Response Procedures for Ships Carrying Dangerous Goods
EN	Europäische Norm (European Standard)
EU	European Union
EEC	European Economic Community
IATA-DGR	International Air Transport Association – Dangerous Goods Regulations
IBC Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ICAO-TI	International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG Code	International Maritime Code for Dangerous Goods
ISO	International Organization for Standardization
LC	Lethal Concentration
LD	Lethal Dose
	Maximum workplace concentration
MARPOL	Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OECD	Organisation for Economic Cooperation and Development
PBT	persistent, bioaccumulative, toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport international ferroviaire de marchandises Dangereuses (Regulations concerning the International Carriage of Dangerous Goods by Rail)
UN	United Nations
VOC	Volatile Organic Compounds
vPvB	very persistent and very bioaccumulative

#### Data sources:

Data arise from reference works and literature.

#### Further information

Classification according to Regulation (EC) No 1272/2008 [CLP]:

Classification procedure:

Physical hazards



**Safety Data Sheet**  
according to Regulation (EC) No. 1907/2006 (REACH)  
according to Regulation (EU) 2015/830



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On basis of test data.  
health hazards, Environmental hazards: Calculation method.

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.

\* Data changed compared with the previous version

