

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 02.05.2017

Revision: 02.05.2017

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

- **1.1 Product identifier**
- **Trade name:** **BONIT Härter 26 Pulver**
- **Article number:** 13026
- **CAS Number:** 7722-76-1
- **EC number:** 231-764-5
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use** SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
- **Product category** PC1 Adhesives, sealants
- **Application of the substance / the mixture** glue modifier for woodworking industry
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:** Planatol GmbH  
Fabrikstr. 30 - 32  
83101 Rohrdorf  
Email: info@planatol.de  
Tel.: +49 (8031) 720-0
- **Informing department:** Product safety department.
- **1.4 Emergency telephone number:** Infraserv GmbH & Co. Höchst KG  
+49 69 305 6418

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008** The substance is not classified according to the CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

- **3.1 Chemical characterisation: Substances**
- **CAS No. Designation:** 7722-76-1 ammonium dihydrogenorthophosphate
- **Identification number(s):**
- **EC number:** 231-764-5
- **Description:** glue modifier based on inorganic salts

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**SECTION 4: First aid measures**

- **4.1 Description of first aid measures**
- **General information** *Instantly remove any clothing soiled by the product.*
- **After inhalation** *Supply fresh air; consult doctor in case of symptoms.*
- **After skin contact** *Instantly wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.*
- **After eye contact** *Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.*
- **After swallowing** *Rinse out mouth and then drink plenty of water. In case of persistent symptoms consult doctor.*
- **4.2 Most important symptoms and effects, both acute and delayed** *No further relevant information available.*
- **Information for doctor** *present this safety data sheet*
- **4.3 Indication of any immediate medical attention and special treatment needed** *No further relevant information available.*

**SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
- **Suitable extinguishing agents** *Use fire fighting measures that suit the environment. CO2, extinguishing powder, sand or water jet. Fight larger fires with water jet or alcohol-resistant foam.*
- **For safety reasons unsuitable extinguishing agents** *Water with a full water jet.*
- **5.2 Special hazards arising from the substance or mixture** *Risk of dust explosions.*
- **5.3 Advice for firefighters**
- **Protective equipment:** *Put on breathing apparatus.*
- **Additional information** *Collect contaminated fire fighting water separately. It must not enter drains.*

**SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures** *Not required.*
- **6.2 Environmental precautions:** *Damp down dust with water spray jet. Do not allow to enter drainage system, surface or ground water.*
- **6.3 Methods and material for containment and cleaning up:** *Collect mechanically. Dispose of the material collected according to regulations.*
- **6.4 Reference to other sections** *See Section 8 for information on personal protection equipment. See Section 13 for information on disposal. See Section 7 for information on safe handling*

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**SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling**      Prevent formation of dust.
- **Information about protection against explosions and fires:**      Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.  
Dust can combine with air to form an explosive mixture.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:**      Store in cool and dry location.
- **Information about storage in one common storage facility:**      Store away from foodstuffs.
- **Further information about storage conditions:**      Store in cool, dry conditions in well sealed containers.
- **7.3 Specific end use(s)**      No further relevant information available.

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

- **Additional information about design of technical systems:**      No further data; see item 7.
- **8.1 Control parameters**
- **Components with limit values that require monitoring at the workplace:**      Not required.
- **Additional information:**      The lists that were valid during the compilation were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**      Take off immediately all contaminated clothing  
Keep away from foodstuffs, beverages and food.  
Wash hands during breaks and at the end of the work.
- **Breathing equipment:**      Protective mask in cas of dust development
- **Protection of hands:**      Protective gloves (EN 374)
- **Material of gloves**      Rubber gloves
- **Penetration time of glove material**      The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**      Safety glasses
- **Body protection:**      Protective work clothing.

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**SECTION 9: Physical and chemical properties**

**· 9.1 Information on basic physical and chemical properties**

**· General Information**

**· Appearance:**

|                 |                                    |
|-----------------|------------------------------------|
| <b>Form:</b>    | Solid.<br>Powder                   |
| <b>Colour:</b>  | According to product specification |
| <b>· Odour:</b> | Characteristic                     |

**· pH-value (100 g/l) at 20 °C:** ca. 4

**· Change in condition**

**Melting point/freezing point:** ca. 190 °C

**· Flash point:** Not applicable

**· Self-inflammability:** Product is not selfigniting.

**· Explosive properties:** Danger of dust explosion

**· Density**

**Settled apparent density at 20 °C** 1800 kg/m<sup>3</sup> (DIN ISO 787)

**· Solubility in / Miscibility with**

**Water at 20 °C:** ca. 280 g/l

**· 9.2 Other information** No further relevant information available.

**SECTION 10: Stability and reactivity**

**· 10.1 Reactivity** No further relevant information available.

**· 10.2 Chemical stability**

**· Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**· 10.3 Possibility of hazardous reactions** No dangerous reactions known

**· 10.4 Conditions to avoid** No further relevant information available.

**· 10.5 Incompatible materials:** No further relevant information available.

**· 10.6 Hazardous decomposition products:** Possible in traces:  
Irritant gases/vapours

**SECTION 11: Toxicological information**

**· 11.1 Information on toxicological effects**

**· Acute toxicity** Based on available data, the classification criteria are not met.

**· Primary irritant effect:**

**· Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**· Serious eye damage/irritation** Based on available data, the classification criteria are not met.

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- **Respiratory or skin sensitisation** 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.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-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 further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Other information** Do not discharge product uncontrolled into the environment
- **Ecotoxicological effects:**
- **Other information:** local water management regulations have to be observed
- **Additional ecological information:**
- **General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.  
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

**SECTION 13: Disposal considerations**

- **13.1 Waste treatment methods**
- **Recommendation** Must not be disposed of together with household garbage.  
Do not allow product to reach sewage system.  
Must be specially treated under adherence to official regulations.
- **Waste disposal key number:** According to the European waste listing (Europäischer Abfallkatalog EAK), no waste key code can be determined as such a code depends on the individual application of the product by its user. The national and local legal guidelines are to be observed.

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- **Uncleaned packagings:**
- **Recommendation:** *Dispose of packaging according to regulations on the disposal of packagings.*

**SECTION 14: Transport information**

- **14.1 UN-Number** *not applicable*
- **ADR, ADN, IMDG, IATA** *Void*
- **14.2 UN proper shipping name** *not applicable*
- **ADR, ADN, IMDG, IATA** *Void*
- **14.3 Transport hazard class(es)** *not applicable*
- **ADR, ADN, IMDG, IATA**
- **Class** *Void*
- **14.4 Packing group** *not applicable*
- **ADR, IMDG, IATA** *Void*
- **14.5 Environmental hazards:** *Not applicable.*
- **14.6 Special precautions for user** *Not applicable.*
- **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** *Not applicable.*
- **Transport/Additional information:** *Not dangerous according to the above specifications.*
- **UN "Model Regulation":** *Void*

**SECTION 15: Regulatory information**

- **National regulations**
- **Water hazard class:** *Water hazard class 1 (Self-assessment): slightly hazardous for water.*
- **Other regulations, limitations and prohibitive regulations**
- **Substances of very high concern (SVHC) according to REACH, Article 57**
- 1303-86-2 *diboron trioxide*
- **15.2 Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

**SECTION 16: Other information**

*These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

- **Department issuing data specification sheet:** *Planatol GmbH  
info@planatol.de*
- **Contact:** *S.O.*

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**· Abbreviations and acronyms:**

*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 Harmonised System of Classification and Labelling of Chemicals*

*EINECS: European Inventory of Existing Commercial Chemical Substances*

*CAS: Chemical Abstracts Service (division of the American Chemical Society)*

*PBT: Persistent, Bioaccumulative and Toxic*

*SVHC: Substances of Very High Concern*

*vPvB: very Persistent and very Bioaccumulative*

**· \* Data compared to the previous version altered.**