



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

Printing date 25.04.2013

Version number 37

Revision: 12.04.2013

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

- **Product identifier**
- **Trade name: HYDRO-BASE GA Pink 02 HX 00R169**
- **MSDS no.** 162,742
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the preparation** Printing inks
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Hostmann Steinberg GmbH
Bremer Weg 125
D-29223 Celle
- **Informing department:**
Product Safety hubergroup.
Contact: Dr. Sebastian Gierisch
Telefon: + 49 89-9003-444
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- **EMERGENCY CONTACT:**
phone: 0049 / 621 / 60 43 333
fax 0049 / 621 / 60 92 664
- **Emergency telephone number:**
During general business hours: Product Safety Division, Extension 220 or 444

Tel. +49-514191-0
Fax. +49-514191-202

SECTION 2: Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
 - Xi; Irritant
 - R41: Risk of serious damage to eyes.
 - N; Dangerous for the environment
 - R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Information concerning particular hazards for human and environment:**
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Label elements**
- **Labelling according to EU guidelines:**
- **Code letter and hazard designation of product:**
 - Xi Irritant
 - N Dangerous for the environment
- **Risk phrases:**
 - 41 Risk of serious damage to eyes.

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50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

• Safety phrases:

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

29/35 Do not empty into drains; dispose of this material and its container in a safe way.

39 Wear eye/face protection.

57 Use appropriate container to avoid environmental contamination.

• Other hazards This information is provided by the present Material Safety Data Sheet.**• Results of PBT and vPvB assessment****• PBT:** Not applicable.**• vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

• Chemical characterization: Mixtures**• Description:**

Preparation of synthetic resins, organic and/or inorganic pigments and additives in aqueous system.

• Dangerous components:

which are hazardous within the meaning of statutory order on dangerous substances 67/548/EEC.

CAS: 12237-63-7 C.I.Pigment Red 169 30 - 50%
Xi R41; N R50/53CAS: 64771-72-8 paraffin mixture 1 -2.5%
Xn R65CAS: 1336-21-6 Ammoniaklösung <24,9% < 1.0%
EINECS: 215-647-6 C R34; N R50**• Additional information** For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

• Description of first aid measures**• General information**

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

In case of unconsciousness place person in the recovery position. Never give anything by mouth.

• After inhalation

Remove to fresh air.

Keep patient warm and at rest.

• After skin contact

Remove contaminated clothing immediately. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.

• After eye contact

Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Remove contact lenses. Obtain medical attention.

• After swallowing Do NOT induce vomiting. Obtain medical attention.**• Information for doctor****• Most important symptoms and effects, both acute and delayed** No further relevant information available.

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- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents** Alcohol resistant foam, CO₂, powders, water spray.
- **For safety reasons unsuitable extinguishing agents** Water jet.
- **Special hazards arising from the substance or mixture**
Appropriate breathing apparatus may be required.
Cool closed containers exposed to fire with water.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.
- **Additional information** Collect run-off from fire fighting.

SECTION 6: Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Ventilate the area.
- **Environmental precautions:**
Do not allow to enter drains. If the product contaminates rivers and lakes or sewers inform respective authorities.
- **Methods and material for containment and cleaning up:**
Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local regulations. Clean preferably with a detergent. Avoid use of solvents.
- **Reference to other sections**
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

SECTION 7: Handling and storage

- **Handling**
- **Precautions for safe handling**
Avoid inhalation of vapour. Smoking, eating and drinking should be prohibited in application area. For personal protection see Section 8. Comply with health and safety at work laws. Avoid concentrations higher than the occupational exposure limits (see Section 8), if applicable.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:**
Keep container tightly closed.No smoking.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
- **Further information about storage conditions:**
Always keep in containers of the same material as the original one. Store in a dry, well ventilated place. Keep away from heat and direct sunlight. Store in accordance with the particular national regulations concerning water pollution.

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Note Instructions on the label.

Protect from frost.

- **Specific end use(s)** No further relevant information available.
-

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:**

If relevant apply technical measures to comply with the occupational exposure limits. This can be achieved by a good general extraction and - if practically feasible - by the use of a local exhaust ventilation.

- **Control parameters**

- **Components with critical values that require monitoring at the workplace:**

- **CAS No. Designation of material % Type Value Unit**

- **Additional Occupational Exposure Limit Values for possible hazards during processing:**

AmmoniakWEL Short-term value: 25 mg/m³, 35 ppmLong-term value: 18 mg/m³, 25 ppm

- **Exposure controls**

- **Personal protective equipment**

- **Breathing equipment:**

If the occupational exposure limits can't be met, in exceptional cases suitable respiratory protection should be worn only for a short period of time.

- **Protection of hands:**

For prolonged or repeated contact use gloves.

Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies 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.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:** Use safety eyewear designed to protect against splash of liquids.

- **Body protection:**

All parts of the skin should be washed after contact.

Working clothes must not consist of textiles which show a dangerous melting behaviour in case of fire.

SECTION 9: Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form: liquid

Colour: according to the tradename of the product

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· Smell:	characteristic
· Odour threshold:	Not determined.
· pH-value:	Not determined.
· Change in condition	
Melting point/Melting range:	not determined
· Flash point:	62 °C
· Inflammability (solid, gaseous)	Not applicable.
· Ignition temperature:	
Decomposition temperature:	Not determined.
· Self-inflammability:	Not determined.
· Danger of explosion:	Not determined.
· Critical values for explosion:	
Lower: approx.	Not determined.
Upper: approx.	Not determined.
· Vapour pressure:	Not determined.
· Density at 20 °C	1.157 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
Water:	partly or not miscible
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
dynamic:	Not determined.
kinematic:	Not determined.
Organic solvents:	< 0.1 %
Water:	50 - 60 %
Solid content:	42.3 %
· Other information	No further relevant information available.

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SECTION 10: Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
Stable under recommended storage and handling conditions (see section 7).
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:**
Keep well away from oxidising agents and strongly alkaline or strongly acid materials in order to avoid exothermic reactions.

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· Hazardous decomposition products:

Exposition to high temperatures may produce hazardous decomposition products such as: carbon dioxide, carbon monoxide and smoke.

SECTION 11: Toxicological information

The Preparation is classified according to the conventional method (calculation method of the EC-directive 1999/45/EEC).

Liquid splashes, get the eye can cause permanent damage. The eye must be flushed out immediately. Medical attention.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis.

The liquid splashed in the eyes may cause strong irritation and reversible damage.

· Information on toxicological effects**· Acute toxicity:****· LD/LC50 values that are relevant for classification:****12237-63-7 C.I.Pigment Red 169**

Oral LD50 >3200 mg/kg (RATTE)

Dermal LD50 >2500 mg/kg (RATTE)

SECTION 12: Ecological information

The Product should not be allowed to enter drains of water courses or soil.

· Toxicity**· Aquatic toxicity:** No further relevant information available.**· Persistence and degradability** No further relevant information available.**· Behaviour in environmental systems:****· Bioaccumulative potential** No further relevant information available.**· Mobility in soil** No further relevant information available.**· Ecotoxicological effects:****· Remark:** Very toxic for fish**· Additional ecological information:****· General notes:** Very toxic for aquatic organisms**· Results of PBT and vPvB assessment****· PBT:** Not applicable.**· vPvB:** Not applicable.**· Other adverse effects** No further relevant information available.**SECTION 13: Disposal considerations****· Waste treatment methods****· Recommendation** Do not allow to enter drains.**· European waste catalogue** 08 03 12: waste ink containing dangerous substances**· Uncleaned packagings:** Waste

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- **Recommendation:**
Emptied containers should be disposed off into scrap recycling or reconditioning respectively.
Not orderly emptied cans and ink remnants are special waste.

SECTION 14: Transport information

Transport only in accordance with ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport.

- **UN-Number**
- **ADR, IMDG, IATA** UN3082
- **UN proper shipping name**
- **ADR** 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (C.I.Pigment Red 169)
- **IMDG** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (C.I.Pigment Red 169, AMMONIA SOLUTION), MARINE POLLUTANT
- **IATA** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (C.I.Pigment Red 169)
- **Transport hazard class(es)**
- **ADR**

- **Class** 9 (M6) Miscellaneous dangerous substances and articles.
- **Label** 9

- **IMDG, IATA**

- **Class** 9 Miscellaneous dangerous substances and articles.
- **Label** 9
- **Packing group**
- **ADR, IMDG, IATA** III
- **Environmental hazards:** Product contains environmentally hazardous substances: C.I.Pigment Red 169
- **Marine pollutant:** Yes
Symbol (fish and tree)
- **Special marking (ADR):** Symbol (fish and tree)
- **Special marking (IATA):** Symbol (fish and tree)
- **Special precautions for user** Warning: Miscellaneous dangerous substances and articles.
- **Kemler Number:** 90
- **EMS Number:** F-A,S-F
- **Segregation groups** Alkalis

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· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

· **Transport/Additional information:**

· **ADR**

· Excepted quantities (EQ):	E1
· Limited quantities (LQ)	5L
· Transport category	3
· Tunnel restriction code	E

SECTION 15: Regulatory information

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

· **National regulations**

The product is subject to classification in accordance with the prevailing version of the regulations on hazardous materials.

· **VOC-Content (EU):** 0.08 %

· **Swiss VOC-Regulation** 0.00 %

· **Mal-Code** 3-3

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

The information on this Safety Data Sheet is based on the present state of our knowledge and on current EU and national laws. The user's working conditions are beyond our knowledge and control. It is always the responsibility of the user to take all necessary steps in order to fulfil the demands laid down in the local rules and legislation. The information in this Safety Data Sheet is meant as a description of the safety requirements of our product: it is not to be considered as a guarantee of the product's properties.

· **Relevant phrases**

R34 Causes burns.

R41 Risk of serious damage to eyes.

R50 Very toxic to aquatic organisms.

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

R65 Harmful: may cause lung damage if swallowed.
