



BEZAPRINT BLACK DW

Version 2.0

Revision Date 20.3.2022

Print Date 22.03.2022

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

1.1 Product identifier

Trade name : BEZAPRINT BLACK DW

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

Use of the Sub-
stance/Mixture : Pigment for the textile finishing

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier

CHT R. BEITLICH GMBH
Bismarckstraße 102
72072 Tübingen Germany
Tel.: info@cht.com

BEZEMA AG
Kriessernstrasse 20
9462 Montlingen
Switzerland
bezema@bezema.com

Importer

: -
-
-
-
-
-

: CHT R. BEITLICH GMBH
BEZEMA AG
Product Safety
msds@cht.com
product.safety@bezema.com

Responsible Department

1.4 Emergency telephone number

Emergency telephone
number Praha : TIS Na Bojišti IPraha 2 224919293
nebo 224915402

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.



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Classification (67/548/EEC, 1999/45/EC)

This mixture is not classified as dangerous according to Directive 1999/45/EC.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Precautionary statements : **Storage:**
P404 Store in a closed container.

2.3 Other hazards

According to our present knowledge the product does not contain persistent, bioaccumulative and toxic substances (PBT substances) or very persistent and very bioaccumulative (vPvB substances) as defined in Annex XIII of the Regulation (EG) No 1907/2006 (REACH), respectively.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Disperze pigmentu
ve vodě

Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
amonná sůl	1336-21-6 215-647-6 01-2119488876-14	C; R34 N; R50	Skin Corr.1B; H314 Aquatic Acute1; H400	< 1

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : Take off contaminated clothing and shoes immediately.

If inhaled : Move to fresh air.
If symptoms persist, call a physician.

In case of skin contact : Wash off immediately with soap and plenty of water.

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids,
for at least 10 minutes.



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If symptoms persist, call a physician.

If swallowed : Rinse mouth with water.
Immediately give plenty of water (if possible charcoal slurry).
If symptoms persist, call a physician or Poison Control Centre immediately.

4.2 Most important symptoms and effects, both acute and delayed

Risks : irritant effects

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Water spray jet
Dry powder
Carbon dioxide (CO₂)

Unsuitable extinguishing media : none

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : Exposure to decomposition products may be a hazard to health.

5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : In case of fire do not inhale smoke, conflagration gases and steams.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Wear personal protective equipment.

6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.



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6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Use mechanical handling equipment.
Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Provide sufficient air exchange and/or exhaust in work rooms.
Avoid formation of aerosol.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
Keep away from food, drink and animal feedingstuffs.
When using do not eat or drink.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep containers tightly closed in a dry, cool and well-ventilated place.
Store in original container.

Advice on common storage : No special precautions required.

Storage class (TRGS 510) : 12, Non Combustible Liquids

7.3 Specific end use(s)

Specific use(s) : Consult the technical guidelines for the use of this substance/mixture.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

ammonia : End Use: Workers
Exposure routes: Skin contact



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Potential health effects: Short-term exposure, Systemic effects
Value: 68 mg/kg
End Use: Workers
Exposure routes: Inhalation
Potential health effects: Short-term exposure, Systemic effects
Value: 47,6 mg/m³
End Use: Workers
Exposure routes: Inhalation
Potential health effects: Short-term exposure, Local effects
Value: 36 mg/m³
End Use: Workers
Exposure routes: Skin contact
Potential health effects: Long-term systemic effects
Value: 68 mg/kg
End Use: Workers
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 47,6 mg/m³
End Use: Workers
Exposure routes: Inhalation
Potential health effects: Long-term local effects
Value: 14 mg/m³
End Use: Consumers
Exposure routes: Skin contact
Potential health effects: Short-term exposure, Systemic effects
Value: 68 mg/kg
End Use: Consumers
Exposure routes: Inhalation
Potential health effects: Short-term exposure, Systemic effects
Value: 23,8 mg/m³
End Use: Consumers
Exposure routes: Ingestion
Potential health effects: Short-term exposure, Systemic effects
Value: 6,8 mg/kg
End Use: Consumers
Exposure routes: Inhalation
Potential health effects: Short-term exposure, Local effects
Value: 7,2 mg/m³
End Use: Consumers
Exposure routes: Skin contact
Potential health effects: Long-term systemic effects
Value: 68 mg/kg
End Use: Consumers
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 23,8 mg/m³
End Use: Consumers
Exposure routes: Ingestion
Potential health effects: Long-term systemic effects
Value: 6,8 mg/kg
End Use: Consumers
Exposure routes: Inhalation



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Potential health effects: Long-term local effects
Value: 2,8 mg/m³

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

ammonia : Fresh water
Value: 0,0011 mg/l
Marine water
Value: 0,0068 mg/l
Intermittent use/release
Value: 0,0011 mg/l

8.2 Exposure controls

Engineering measures

Provide sufficient air exchange and/or exhaust in work rooms.

Personal protective equipment

Eye protection : Safety glasses with side-shields

Hand protection
Material : PVC or other plastic material gloves

Skin and body protection : Long sleeved clothing

Respiratory protection : Breathing apparatus with filter.
Combination filter A/P

Protective measures : Avoid contact with the skin and the eyes.
Do not breathe spray.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : Dispersion

Colour : black

Odour : characteristic

pH : 8 - 10, Concentration: 10 g/l (20 °C)

Boiling point/boiling range : 100 °C

Flash point : Not applicable

Water solubility : dispersible

Thermal decomposition : No decomposition if stored and applied as directed.

9.2 Other information

No data available



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SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Conditions to avoid : Not applicable

10.5 Incompatible materials

Materials to avoid : Avoid contact with other chemicals.

10.6 Hazardous decomposition products

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product:

Acute oral toxicity : LD50 Oral Rat: > 2.000 mg/kg

Components:

ammonia:

Acute oral toxicity : LD50 Oral Rat: 350 mg/kg
value stated in literature

Skin corrosion/irritation

Product:

No skin irritation

Serious eye damage/eye irritation

Product:

No eye irritation



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Respiratory or skin sensitisation

Product:

No known sensitising effect.

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

No data available

Aspiration toxicity

No data available

SECTION 12: Ecological information

12.1 Toxicity

Product:

Toxicity to fish : LC0 (Leuciscus idus (Golden orfe)): > 100 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

LC50 (Leuciscus idus (Golden orfe)): > 100 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

Toxicity to bacteria : EC50 : > 100 mg/l
Exposure time: 3 h
Test Type: Respiration inhibition of activated sludge
Method: Retarded respiration test (OECD 209)

Components:

ammonia:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 8,2 mg/l
Exposure time: 96 h



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value stated in literature

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0,66 mg/l
Exposure time: 48 h
value stated in literature

12.2 Persistence and degradability

Product:

Biodegradability : Duystuff are, as indicated, very persistent and they are, under the conditions of the sewage plant or water course, very difficult to biodegrade.

Chemical Oxygen Demand (COD) : 1.170 mg/g

Physico-chemical removability : 90 - 100 %
Method: static method (Photometry)
The product is slightly soluble in water. It can be eliminated from water by abiotic processes.
Low waste water contamination is due to a very high level of fixation.

12.3 Bioaccumulative potential

Product:

Bioaccumulation : Bioaccumulation is unlikely.

12.4 Mobility in soil

Product:

Mobility : No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : According to our present knowledge the product does not contain persistent, bioaccumulative and toxic substances (PBT substances) or very persistent and very bioaccumulative (vPvB substances) as defined in Annex XIII of the Regulation (EG) No 1907/2006 (REACH), respectively.

12.6 Other adverse effects

Product:

Adsorbed organic bound halogens (AOX) : < 0,1 %



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SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Product : Dispose of as special waste in compliance with local and national regulations.
- European Waste Catalogue : 040217 : dyestuffs and pigments other than those mentioned in 04 02 16
- Contaminated packaging : Dispose of as unused product.

SECTION 14: Transport information

14.1 UN number

- ADR : Not dangerous goods
IMDG : Not dangerous goods
IATA : Not dangerous goods

14.2 Proper shipping name

- ADR : Not dangerous goods
IMDG : Not dangerous goods
IATA : Not dangerous goods

14.3 Transport hazard class

- ADR : Not dangerous goods
IMDG : Not dangerous goods
IATA : Not dangerous goods

14.4 Packing group

- ADR : Not dangerous goods
IMDG : Not dangerous goods
Segregation group : -
IATA : Not dangerous goods

14.5 Environmental hazards

- ADR : Not dangerous goods
IMDG : Not dangerous goods
IATA : Not dangerous goods

14.6 Special precautions for user

- Remarks : see chapter 6 - 8

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code



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Remarks : Not applicable

SECTION 15: Regulatory information

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

Other regulations : Currently no information available.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this substance.

SECTION 16: Other information

Full text of R-Phrases

R34 : Causes burns.
R50 : Very toxic to aquatic organisms.

Full text of H-Statements

H314 : Causes severe skin burns and eye damage.
H400 : Very toxic to aquatic life.

Full text of other abbreviations

Aquatic Acute : Acute aquatic toxicity
Skin Corr. : Skin corrosion

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