



## TUBANTIN DARK BLUE R

Version 2.0

Revision Date 17.12.2014

Print Date 22.03.2017

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

#### 1.1 Product identifier

Trade name : TUBANTIN DARK BLUE R

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

Use of the Sub-  
stance/Mixture : Dye 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.: +49(0)70 71 15 40  
info@cht.com

BEZEMA AG  
Kriessernstrasse 20  
9462 Montlingen  
Switzerland  
Tel.: +41(0)71 763 88 11  
bezema@bezema.com

Importer : -  
-  
-  
-  
-  
-

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

#### 1.4 Emergency telephone number

Emergency telephone : +49(0)70 71 15 40 (Germany, 24 hours)  
number : +41(0)71 763 88 11 (Switzerland, 24 hours)

### 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.

### 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	: C.I. Direct Blue 299 dedusted product
Remarks	: No dangerous ingredients according to Regulation (EC) No. 1907/2006

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

Treatment	: Treat symptomatically.
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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media : Water spray jet  
Dry powder  
Foam

Unsuitable extinguishing media : Carbon dioxide (CO<sub>2</sub>)

#### 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.

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### SECTION 6: Accidental release measures

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

Personal precautions : Wear personal protective equipment.  
Avoid breathing dust.

#### 6.2 Environmental precautions

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

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

Methods for cleaning up : Use mechanical handling equipment.  
Avoid dust formation.  
Dispose of in accordance with local regulations.

#### 6.4 Reference to other sections

For personal protection see section 8.



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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

- Advice on safe handling : Avoid creating dust.  
Provide sufficient air exchange and/or exhaust in work rooms.
- Advice on protection against fire and explosion : Take measures to prevent the build up of electrostatic charge.
- 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) : 11, Combustible Solids

#### 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

Contains no substances with occupational exposure limit values.

#### 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 : PVC or other plastic material gloves
- Material : Long sleeved clothing
- Skin and body protection : Effective dust mask
- Respiratory protection : Effective dust mask



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P1 filter

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

### SECTION 9: Physical and chemical properties

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

Appearance : powder  
Colour : blue  
Odour : characteristic  
pH : 8 - 10, Concentration: 10 g/l (20 °C)  
Flash point : Not applicable  
  
Flammability (solid, gas) : does not ignite  
  
Water solubility : 15 g/l (30 °C)  
  
Thermal decomposition : No decomposition if stored and applied as directed.

#### 9.2 Other information

Particle size : not determined

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

No decomposition if stored and applied as directed.

#### 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.



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### 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

#### Skin corrosion/irritation

**Product:**

No skin irritation

#### Serious eye damage/eye irritation

**Product:**

No eye irritation

#### 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



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### 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)

#### 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) : 760 mg/g
- Physico-chemical removability : 20 - 50 %  
Method: static method (Photometry)  
The elimination of dyestuff from dyeing liquors or washing baths is possible up to at least 95 % by means of cationic amide condensation products.

#### 12.3 Bioaccumulative potential

**Product:**

- Bioaccumulation : Does not accumulate in organisms.

#### 12.4 Mobility in soil

**Product:**

- Mobility : No data available

#### 12.5 Results of PBT and vPvB assessment

**Product:**



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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 %

## 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





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### 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

Remarks : Not applicable

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## 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.

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## SECTION 16: Other information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.