

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## TUBOBLANC COL

Version 1.0

Revision Date 03.09.2012

Print Date 05.01.2018

### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name : TUBOBLANC COL

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

Use of the Sub- : Textile auxiliary  
stance/Mixture

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

##### Manufacturer/Supplier

CHT Germany GmbH  
Bismarckstraße 102  
72072 Tübingen  
Germany  
Tel.: +49 7071 154 0  
info@cht.com

CHT Switzerland AG  
Kriessernstrasse 20  
9462 Montlingen  
Switzerland  
Tel.: +41 71 763 88 11  
info.switzerland@cht.com

Importer : -  
-  
-  
-  
-  
-

Responsible Department : CHT Germany GmbH  
CHT Switzerland AG  
Product Safety  
sds.germany@cht.com  
sds.switzerland@cht.com

#### 1.4 Emergency telephone number

Emergency telephone : +49 7071 154 0 (Germany, 24 hours)  
number : +41 71 763 88 11 (Switzerland, 24 hours)

### 2. Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Eye irritation, Category 2

H319: Causes serious eye irritation.

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

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## TUBOBLANC COL

Version 1.0

Revision Date 03.09.2012

Print Date 05.01.2018

Irritant

R36: Irritating to eyes.

### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms

:



Signal word

: Warning

Hazard statements

: H319

Causes serious eye irritation.

Precautionary statements

: **Prevention:**

P264

Wash skin thoroughly after handling.

P280

Wear protective gloves/ eye protection/ face protection.

**Response:**

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313

If eye irritation persists: Get medical advice/ attention.

### 2.3 Other hazards

Risk of dust explosion.

## 3. Composition/information on ingredients

### 3.2 Mixtures

Chemical nature

: Stilbene derivate

#### Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
sodium carbonate	497-19-8 207-838-8 01- 2119485498- 19	Xi; R36	Eye Irrit. 2; H319	>= 5 - < 7

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## TUBOBLANC COL

Version 1.0

Revision Date 03.09.2012

Print Date 05.01.2018

For the full text of the R-phrases mentioned in this Section, see Section 16.  
For the full text of the H-Statements mentioned in this Section, see Section 16.

### 4. First aid measures

#### 4.1 Description of first aid measures

- General advice : Take off all contaminated clothing immediately.  
Show this safety data sheet to the doctor in attendance.
- 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.  
If symptoms persist, call a physician.
- In case of eye contact : In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Call a physician immediately.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.  
Do NOT induce vomiting.  
Call a physician immediately.

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

- Risks : Refer to section 2 and 11.

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

- Treatment : No information available.

### 5. Firefighting measures

#### 5.1 Extinguishing media

- Suitable extinguishing media : Carbon dioxide (CO<sub>2</sub>)  
Water spray jet  
Dry powder  
Foam

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

- Specific hazards during fire-fighting : Hazardous decomposition products formed under fire conditions.  
Can be released in case of fire:  
Carbon oxides  
nitrogen oxides (NO<sub>x</sub>)  
Sulphur oxides

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## TUBOBLANC COL

Version 1.0

Revision Date 03.09.2012

Print Date 05.01.2018

### 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.

## 6. Accidental release measures

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

Personal precautions : Use personal protective equipment.

### 6.2 Environmental precautions

Environmental precautions : The product should not be allowed to enter drains, water courses or the soil.  
Pay attention to local or official regulations.

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

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

### 6.4 Reference to other sections

Refer to protective measures listed in sections 7 and 8.

## 7. Handling and storage

### 7.1 Precautions for safe handling

Advice on protection against fire and explosion : During processing, dust may form explosive mixture in air.  
Take precautionary measures against static discharge.  
Keep away from sources of ignition - No smoking.

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

Requirements for storage areas and containers : Do always store in containers which correspond to the original ones.  
Keep container tightly closed.  
Store in a cool and shaded area.

Further information on storage conditions : Protect from temperatures over + 40 °C.  
Protect from humidity and keep away from water.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## TUBOBLANC COL

Version 1.0

Revision Date 03.09.2012

Print Date 05.01.2018

Advice on common storage : No special precautions required.

German storage class : 11 Combustible Solids

### 7.3 Specific end uses

Note : Consult the technical guidelines for the use of this substance/mixture.

## 8. Exposure controls/personal protection

### 8.1 Control parameters

### 8.2 Exposure controls

#### Engineering measures

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

#### Personal protective equipment

Respiratory protection : In case the work place is not ventilated sufficiently and during spray processing, it is necessary to wear respiratory protective equipment.

Recommended Filter type:  
filter P

Hand protection : PVC  
Protective index Class 6  
Break through time: > 480 min  
Glove thickness: > 0,5 mm

: The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.  
The obtained break through times according to EN 374 Part III are not measured under normal operating conditions. Therefore a maximum usage time of 50% of the break through time is recommended.

Eye protection : Safety glasses

Skin and body protection : Wear suitable protective clothing.

Hygiene measures : Avoid contact with skin, eyes and clothing.  
Avoid breathing dust.  
Take off all contaminated clothing immediately.  
Handle in accordance with good industrial hygiene and safety practice.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## TUBOBLANC COL

Version 1.0

Revision Date 03.09.2012

Print Date 05.01.2018

### Environmental exposure controls

General advice : The product should not be allowed to enter drains, water courses or the soil.  
Pay attention to local or official regulations.

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance	: powder
Colour	: yellow
Odour	: slight characteristic
Flash point	: not applicable
Lower explosion limit	: Product is not explosive. However formation of explosive air/dust mixtures is possible.
Upper explosion limit	: Product is not explosive. However formation of explosive air/dust mixtures is possible.
Oxidizing properties	: not applicable
Autoignition temperature	: not auto-flammable
pH	: 8,6 - 11,6 at 10,00 g/l 20 °C
Melting point/range	: Stable up to the melting point.
Boiling point/boiling range	: not applicable
Vapour pressure	: not applicable
Density	: no data available
Bulk density	: 700 - 900 kg/m <sup>3</sup>
Water solubility	: soluble in hot water
Partition coefficient: n-octanol/water	: not applicable
Viscosity, dynamic	: no data available

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## TUBOBLANC COL

Version 1.0

Revision Date 03.09.2012

Print Date 05.01.2018

Viscosity, kinematic : no data available

Relative vapour density : not applicable

Evaporation rate : not applicable

### 9.2 Other information

Conductivity : Not determined

## 10. Stability and reactivity

### 10.1 Reactivity

No hazards to be specially mentioned.

### 10.2 Chemical stability

The product is chemically stable.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : Dust can form an explosive mixture in air.

### 10.4 Conditions to avoid

Conditions to avoid : Avoid dust formation.

### 10.5 Incompatible materials

Materials to avoid : not applicable

### 10.6 Hazardous decomposition products

Hazardous decomposition products : No decomposition if stored and applied as directed.

## 11. Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Acute oral toxicity : LD50: > 2.000 mg/kg  
Argument by analogy

Acute oral toxicity  
sodium carbonate : LD50: > 2.000 mg/kg  
Species: rat

Acute dermal toxicity : No data is available on the product itself.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## TUBOBLANC COL

Version 1.0

Revision Date 03.09.2012

Print Date 05.01.2018

Acute dermal toxicity sodium carbonate	: LD50: > 2.000 mg/kg Species: rat
Skin irritation	: Prolonged skin contact may cause skin irritation.
Eye irritation	: Causes serious eye irritation.
Eye irritation sodium carbonate	: Species: rabbit Classification: Irritating to eyes.
Sensitisation	: No known sensitising effect.

## 12. Ecological information

### 12.1 Toxicity

Toxicity to fish	: LC50: > 100 mg/l Argument by analogy
Toxicity to fish sodium carbonate	: LC50: 300 mg/l Exposure time: 96 h Species: Lepomis macrochirus (Bluegill sunfish)
Toxicity to daphnia and other aquatic invertebrates	: EC50: 556 mg/l Exposure time: 48 h Species: Daphnia magna (Water flea) Method: OECD Test Guideline 202
Toxicity to daphnia and other aquatic invertebrates sodium carbonate	: EC50: 265 mg/l Exposure time: 48 h Species: Daphnia magna (Water flea)
Toxicity to algae	: No data is available on the product itself.



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## TUBOBLANC COL

Version 1.0

Revision Date 03.09.2012

Print Date 05.01.2018

Toxicity to bacteria : > 1.000 mg/l  
Species: activated sludge  
Method: DEV L3

### 12.2 Persistence and degradability

Biodegradability : DOC-CO2 measuring  
8 %  
Method: OECD 302 B with CO2 (mineralisation)  
: DOC-CO2 measuring  
11 %  
Method: OECD 302 B with CO2 (elimination)

Biochemical Oxygen Demand (BOD) : 19 mg O2/g  
5 d  
Method: DIN EN 1899-1 (H 55)

Chemical Oxygen Demand (COD) : 495 mg O2/g  
Method: DIN 38409-H-41

### 12.3 Bioaccumulative potential

Bioaccumulation : No data is available on the product itself.

### 12.4 Mobility in soil

Mobility : no data available

### 12.5 Results of PBT and vPvB 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

Adsorbed organic bound halogens (AOX) : 1,15 mg Cl/g  
May impair the AOX-value of the waste water.

Additional ecological information : According to our knowledge, the product does not contain heavy metals and other compounds of EC directive 2000/60 EC.

## 13. Disposal considerations

### 13.1 Waste treatment methods

Product : Pay attention to local or official regulations.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## TUBOBLANC COL

Version 1.0

Revision Date 03.09.2012

Print Date 05.01.2018

Contaminated packaging : Pay attention to local or official regulations.

### 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  
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

see chapter 6 - 8

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

Remarks : not applicable

### 15. Regulatory information

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

Components In accordance with Regulation (EC) No. 648/2004 on detergents : This product is not subject to the Regulation on Detergents.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## TUBOBLANC COL

Version 1.0

Revision Date 03.09.2012

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### 15.2 Chemical Safety Assessment

This information is not available.

### 16. Other information

#### Full text of R-phrases referred to under sections 2 and 3

R36                      Irritating to eyes.

#### Full text of H-Statements referred to under sections 2 and 3.

H319                      Causes serious eye irritation.

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.