

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## PRINTPERFEKT BLANC FF

Version 6.0  
Revision Date: 18.01.2022

Date of last issue: 12.01.2022  
Date of first issue: 30.06.2014

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

#### 1.1 Product identifier

Trade name : PRINTPERFEKT BLANC FF

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

Use of the Sub-stance/Mixture : Textile auxiliary

#### 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  
Kriessemstrasse 20  
9462 Montlingen  
Switzerland  
Tel.: +41 71 763 88 11  
info.switzerland@cht.com

CHT UK Bridgwater Ltd.  
Showground Road  
Bridgwater TA6 6AJ  
United Kingdom  
Tel.: +44 1278 411 400  
info.uk@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 number** : +1 703 527 3887 CHEMTREC (International, 24 hours)  
+44 20 3807 3798 CHEMTREC (United Kingdom, 24 hours)

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## PRINTPERFEKT BLANC FF

Version 6.0  
Revision Date: 18.01.2022

Date of last issue: 12.01.2022  
Date of first issue: 30.06.2014

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

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

Not a hazardous substance or mixture.

#### 2.2 Label elements

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

Not a hazardous substance or mixture.

##### Additional Labelling

EUH210 Safety data sheet available on request.

EUH208 Contains 1,2-benzisothiazol-3(2H)-one, mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

#### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

Chemical nature : Preparation of binding agent, thickening agent and white pigment

##### Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Aryl ethylphenyl polyglycol ether	104376-75-2	Aquatic Chronic 3; H412	>= 1 - < 2.5
1,2-benzisothiazol-3(2H)-one	2634-33-5 220-120-9 613-088-00-6	Acute Tox. 4; H302 Acute Tox. 2; H330 Skin Irrit. 2; H315	>= 0.0025 - < 0.025

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## PRINTPERFEKT BLANC FF

Version 6.0  
Revision Date: 18.01.2022

Date of last issue: 12.01.2022  
Date of first issue: 30.06.2014

	01-2120761540-60	Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 2; H411 <hr/> M-Factor (Acute aquatic toxicity): 1 <hr/> specific concentration limit Skin Sens. 1; H317 >= 0.05 %	
mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9 613-167-00-5 01-2120764691-48	Acute Tox. 3; H301 Acute Tox. 2; H330 Acute Tox. 2; H310 Skin Corr. 1B; H314 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 <hr/> M-Factor (Acute aquatic toxicity): 100 M-Factor (Chronic aquatic toxicity): 100 <hr/> specific concentration limit Skin Corr. 1C; H314 >= 0.6 % Skin Irrit. 2; H315 0.06 - < 0.6 % Eye Irrit. 2; H319 0.06 - < 0.6 % Skin Sens. 1A; H317 >= 0.0015 %	>= 0.0002 - < 0.0015

For explanation of abbreviations see section 16.

## SECTION 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.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## PRINTPERFEKT BLANC FF

Version 6.0  
Revision Date: 18.01.2022

Date of last issue: 12.01.2022  
Date of first issue: 30.06.2014

---

- 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 skin irritation persists, call a physician.
- In case of eye contact : Immediately flush eye(s) with plenty of water.  
If symptoms persist, call a physician.
- 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 : There may be reddening, swelling associated with itching on contact.

### 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 : Carbon dioxide (CO<sub>2</sub>)  
Water spray  
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>)

### 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.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## PRINTPERFEKT BLANC FF

Version  
6.0

Revision Date:  
18.01.2022

Date of last issue: 12.01.2022  
Date of first issue: 30.06.2014

---

### SECTION 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 material for containment and cleaning up

Methods for cleaning up : Close drains (risk of blockage caused by polymer precipitation).  
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
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.

---

### 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.

Advice on protection against fire and explosion : No special protective measures against fire required.

Hygiene measures : Avoid contact with skin, eyes and clothing. Do not breathe vapours, aerosols. Take off all contaminated clothing immediately. Handle in accordance with good industrial hygiene and safety practice.

#### 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.

Further information on storage conditions : Stir well before use. Protect from temperatures below + 5 °C. Protect from temperatures over + 40 °C. Protect from frost.

Advice on common storage : No special precautions required.

#### 7.3 Specific end use(s)

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

---

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## PRINTPERFEKT BLANC FF

Version 6.0  
Revision Date: 18.01.2022

Date of last issue: 12.01.2022  
Date of first issue: 30.06.2014

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
titanium dioxide	13463-67-7	TWA (inhalable dust)	10 mg/m <sup>3</sup>	GB EH40
		TWA (Respirable dust)	4 mg/m <sup>3</sup>	GB EH40
propane-1,2-diol	57-55-6	TWA (particles)	10 mg/m <sup>3</sup>	GB EH40
	Further information: Where no specific short-term exposure limit is listed, a figure three times the long-term exposure limit should be used.			
		TWA (Total vapour and particles)	150 ppm 474 mg/m <sup>3</sup>	GB EH40
	Further information: Where no specific short-term exposure limit is listed, a figure three times the long-term exposure limit should be used.			

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

Substance name	End Use	Exposure routes	Potential health effects	Value	
bis(2-ethylhexyl) adipate	Workers	Skin contact	Long-term systemic effects	25.5 mg/kg	
	Workers	Inhalation	Long-term systemic effects	17.8 mg/m <sup>3</sup>	
	Consumers	Skin contact	Long-term systemic effects	13 mg/kg	
	Consumers	Inhalation	Long-term systemic effects	4.4 mg/m <sup>3</sup>	
	Consumers	Ingestion	Long-term systemic effects	1.3 mg/kg	
	1,2-benzisothiazol-3(2H)-one	Workers	Inhalation	Long-term systemic effects	6.81 mg/m <sup>3</sup>
Workers		Skin contact	Long-term systemic effects	0.966 mg/kg bw/day	
Consumers		Inhalation	Long-term systemic effects	1.2 mg/m <sup>3</sup>	
Consumers		Skin contact	Long-term systemic effects	0.345 mg/kg bw/day	
mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)		Workers	Inhalation	Long-term local effects	0.02 mg/m <sup>3</sup>
		Workers	Inhalation	Acute local effects	0.04 mg/m <sup>3</sup>
	Consumers	Inhalation	Long-term local effects	0.02 mg/m <sup>3</sup>	

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## PRINTPERFEKT BLANC FF

Version 6.0  
Revision Date: 18.01.2022

Date of last issue: 12.01.2022  
Date of first issue: 30.06.2014

	Consumers	Inhalation	Acute local effects	0.04 mg/m <sup>3</sup>
	Consumers	Ingestion	Long-term systemic effects	0.09 mg/kg bw/day
	Consumers	Ingestion	Acute systemic effects	0.11 mg/kg bw/day

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

Substance name	Environmental Compartment	Value
bis(2-ethylhexyl) adipate	Soil	0.865 mg/kg
	Waste water treatment plant	35 mg/l
	Marine water	0.0032 mg/l
	Fresh water	0.0032 mg/l
	Marine sediment	0.19 mg/kg
	Fresh water sediment	15.6 mg/kg
1,2-benzisothiazol-3(2H)-one	Intermittent use/release	0.0032 mg/kg
	Fresh water	4.03 µg/l
	Marine water	0.403 µg/l
	Intermittent use/release	1.1 µg/l
	STP	1.03 mg/l
	Fresh water sediment	49.9 µg/kg
mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	Marine sediment	4.99 µg/kg
	Soil	3 mg/kg dry weight (d.w.)
	Fresh water	3.39 µg/l
	Marine water	3.39 µg/l
	Intermittent use/release	3.39 µg/l
	Marine water	3.39 µg/l
Remarks:	Intermittent use/release	
	STP	0.23 mg/l
	Fresh water sediment	0.027 mg/kg dry weight (d.w.)
	Marine sediment	0.027 mg/kg dry weight (d.w.)
	Soil	0.01 mg/kg dry weight (d.w.)

## 8.2 Exposure controls

### Engineering measures

Solids with occupational exposure limits in liquid preparations do not cause an exposure in the workplace, because they are not present in a respirable form. Exposure can occur in the form of aerosols or after drying of the liquid the solids remain, possibly in a finely dispersed form. Provide sufficient air exchange and/or exhaust in work rooms.

### Personal protective equipment

Eye protection : Goggles (EN 166)

Hand protection

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## PRINTPERFEKT BLANC FF

Version 6.0  
Revision Date: 18.01.2022

Date of last issue: 12.01.2022  
Date of first issue: 30.06.2014

Material : Nitrile rubber  
Break through time : > 480 min  
Glove thickness : > 0.35 mm  
Protective index : Class 6

Material : butyl-rubber  
Break through time : > 480 min  
Glove thickness : > 0.5 mm  
Protective index : Class 6

Remarks : 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.

Skin and body protection : Wear suitable protective clothing (EN 14605).

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:  
Combination filter A/P (EN 141)

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state : liquid  
Colour : white  
Odour : characteristic  
Melting point/range : No data available  
Boiling point/boiling range : No data available  
Upper explosion limit / Upper flammability limit : Not applicable  
Lower explosion limit / Lower flammability limit : Not applicable  
Flash point : > 100 °C  
pH : 7.6 - 9.5 (20 °C)  
(undiluted)  
Viscosity



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## PRINTPERFEKT BLANC FF

Version 6.0  
Revision Date: 18.01.2022

Date of last issue: 12.01.2022  
Date of first issue: 30.06.2014

---

Viscosity, dynamic	:	45,000 - 100,000 mPa.s (20 °C) Brookfield RVT spindle 7 20 rpm
Solubility(ies) Water solubility	:	miscible
Partition coefficient: n- octanol/water	:	Not applicable
Vapour pressure	:	ca. 23 hPa (20 °C) Water
Density	:	ca. 1 g/cm <sup>3</sup> (20 °C)
Relative vapour density	:	Not applicable

### 9.2 Other information

Oxidizing properties	:	Not applicable
Flammability (liquids)	:	does not ignite
Self-ignition	:	not auto-flammable
Evaporation rate	:	Not applicable
Conductivity	:	Not determined

---

## SECTION 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 : 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 : Not applicable

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## PRINTPERFEKT BLANC FF

Version  
6.0

Revision Date:  
18.01.2022

Date of last issue: 12.01.2022  
Date of first issue: 30.06.2014

### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

##### Product:

- Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg  
Remarks: Argument by analogy
- Acute inhalation toxicity : Remarks: Based on available data, the classification criteria are not met.
- Acute dermal toxicity : Remarks: Based on available data, the classification criteria are not met.

#### Components:

##### **Aryl ethylphenyl polyglycol ether:**

- Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

##### **1,2-benzisothiazol-3(2H)-one:**

- Acute oral toxicity : LD50 (Rat): 1,020 mg/kg
- Acute inhalation toxicity : LC50: > 0.05 - 0.5 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Remarks: value stated in literature
- Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg

##### **mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1):**

- Acute oral toxicity : LD50 (Rat): 66 mg/kg  
Method: OECD Test Guideline 401
- Acute inhalation toxicity : LC50 (Rat): 0.171 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403
- Acute dermal toxicity : LD50 (Rabbit): 87.12 mg/kg  
Method: OECD Test Guideline 402

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## PRINTPERFEKT BLANC FF

Version 6.0  
Revision Date: 18.01.2022

Date of last issue: 12.01.2022  
Date of first issue: 30.06.2014

---

### Skin corrosion/irritation

**Product:**

Remarks : Prolonged skin contact may cause skin irritation.

**Components:**

**1,2-benzisothiazol-3(2H)-one:**

Result : Irritating to skin.

**mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1):**

Species : Rabbit  
Method : OECD Test Guideline 404  
Result : Corrosive after 1 to 4 hours of exposure

### Serious eye damage/eye irritation

**Product:**

Remarks : Contact with eyes may cause irritation.

**Components:**

**1,2-benzisothiazol-3(2H)-one:**

Species : Rabbit  
Result : Causes serious eye damage.

### Respiratory or skin sensitisation

**Product:**

Remarks : May produce an allergic reaction.

**Components:**

**1,2-benzisothiazol-3(2H)-one:**

Test Type : Maximisation Test  
Species : Guinea pig  
Method : OECD Test Guideline 406  
Result : May cause sensitisation by skin contact.

**mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1):**

Exposure routes : Dermal  
Species : Guinea pig  
Assessment : The product is a skin sensitiser, sub-category 1A.  
Method : OECD Test Guideline 406  
Result : May cause an allergic skin reaction.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## PRINTPERFEKT BLANC FF

Version  
6.0

Revision Date:  
18.01.2022

Date of last issue: 12.01.2022  
Date of first issue: 30.06.2014

---

### Germ cell mutagenicity

**Product:**

Germ cell mutagenicity- Assessment : Based on available data, the classification criteria are not met.

### Carcinogenicity

**Product:**

Carcinogenicity - Assessment : Based on available data, the classification criteria are not met.

### Reproductive toxicity

**Product:**

Reproductive toxicity - Assessment : Based on available data, the classification criteria are not met.

### STOT - single exposure

**Product:**

Remarks : Based on available data, the classification criteria are not met.

### STOT - repeated exposure

**Product:**

Remarks : Based on available data, the classification criteria are not met.

### Aspiration toxicity

**Product:**

Based on available data, the classification criteria are not met.

## 11.2 Information on other hazards

### Endocrine disrupting properties

**Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## PRINTPERFEKT BLANC FF

Version  
6.0

Revision Date:  
18.01.2022

Date of last issue: 12.01.2022  
Date of first issue: 30.06.2014

### SECTION 12: Ecological information

#### 12.1 Toxicity

##### Product:

- Toxicity to fish : Remarks: No data is available on the product itself.
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202  
Remarks: Argument by analogy
- Toxicity to algae/aquatic plants : Remarks: No data is available on the product itself.
- Toxicity to microorganisms : EC50 (activated sludge): > 1,000 mg/l  
Method: Retarded respiration test (OECD 209)  
Remarks: Argument by analogy

##### Components:

##### **Aryl ethylphenyl polyglycol ether:**

- Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 10 - 100 mg/l  
Exposure time: 96 h

##### **1,2-benzisothiazol-3(2H)-one:**

- Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 2.15 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 2.9 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202
- Toxicity to algae/aquatic plants : EC10 (Selenastrum capricornutum (green algae)): 0.043 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201
- EC50 (Selenastrum capricornutum (green algae)): 0.11 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201
- M-Factor (Acute aquatic toxicity) : 1
- Toxicity to microorganisms : EC50 (activated sludge): 12.8 mg/l  
Exposure time: 3 h  
Method: OECD Test Guideline 209

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## PRINTPERFEKT BLANC FF

Version 6.0      Revision Date: 18.01.2022      Date of last issue: 12.01.2022  
Date of first issue: 30.06.2014

---

### **mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1):**

- Toxicity to fish : EC50 (Oncorhynchus mykiss (rainbow trout)): 0.22 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 0.12 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202
- Toxicity to algae/aquatic plants : NOEC (Pseudokirchneriella subcapitata (green algae)): 0.0012 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201
- EC50 (Pseudokirchneriella subcapitata (green algae)): 0.048 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201
- M-Factor (Acute aquatic toxicity) : 100
- Toxicity to microorganisms : EC20 (activated sludge): 0.97 mg/l  
Exposure time: 3 h  
Method: OECD Test Guideline 209
- Toxicity to fish (Chronic toxicity) : NOEC: 0.098 mg/l  
Exposure time: 28 d  
Species: Oncorhynchus mykiss (rainbow trout)  
Method: OECD Test Guideline 210
- Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0.004 mg/l  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)  
Method: OECD Test Guideline 211
- M-Factor (Chronic aquatic toxicity) : 100

## 12.2 Persistence and degradability

### **Product:**

- Biodegradability : Test Type: DOC measuring  
Biodegradation: > 70 %  
Exposure time: 28 d  
Method: OECD 302 B (elimination)  
Remarks: The product is "inherently biodegradable" according to the criteria of the OECD.  
Argument by analogy
- Biochemical Oxygen De- : 150 mg/g

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## PRINTPERFEKT BLANC FF

Version 6.0      Revision Date: 18.01.2022      Date of last issue: 12.01.2022  
Date of first issue: 30.06.2014

---

mand (BOD)      Incubation time: 5 d  
Method: DIN EN 1899-1 (H 55)

Chemical Oxygen Demand (COD) : 768 mg/g  
Method: DIN 38409-H-41

### Components:

#### **Aryl ethylphenyl polyglycol ether:**

Biodegradability : Result: Not readily biodegradable.

#### **1,2-benzisothiazol-3(2H)-one:**

Biodegradability : Result: rapidly degradable

#### **mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1):**

Biodegradability : Test Type: O<sub>2</sub> measuring  
Result: Readily biodegradable.  
Biodegradation: > 60 %  
Exposure time: 28 d  
Method: OECD 301 D (mineralisation)  
Remarks: The product is "readily biodegradable" according to the criteria of the OECD.

Remarks: The 10 day time window criterion is not fulfilled.

### 12.3 Bioaccumulative potential

#### Product:

Bioaccumulation : Remarks: No data is available on the product itself.

#### Components:

#### **1,2-benzisothiazol-3(2H)-one:**

Partition coefficient: n-octanol/water : log Pow: 0.70 (20 °C)

#### **mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1):**

Partition coefficient: n-octanol/water : log Pow: 0.75  
Remarks: Active ingredient

### 12.4 Mobility in soil

#### Product:

Mobility : Remarks: No data available

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## PRINTPERFEKT BLANC FF

Version 6.0  
Revision Date: 18.01.2022

Date of last issue: 12.01.2022  
Date of first issue: 30.06.2014

---

### 12.5 Results of PBT and vPvB assessment

**Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

### 12.6 Endocrine disrupting properties

**Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### 12.7 Other adverse effects

**Product:**

Adsorbed organic bound halogens (AOX) : Remarks: The product does not increase 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.

---

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : Pay attention to local or official regulations.

Contaminated packaging : Pay attention to local or official regulations.

---

## SECTION 14: Transport information

### 14.1 UN number or ID number

Not regulated as a dangerous good

### 14.2 UN proper shipping name

Not regulated as a dangerous good

### 14.3 Transport hazard class(es)

Not regulated as a dangerous good

### 14.4 Packing group

Not regulated as a dangerous good



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## PRINTPERFEKT BLANC FF

Version 6.0  
Revision Date: 18.01.2022

Date of last issue: 12.01.2022  
Date of first issue: 30.06.2014

### 14.5 Environmental hazards

Not regulated as a dangerous good

### 14.6 Special precautions for user

Remarks : see chapter 6 - 8

### 14.7 Maritime transport in bulk according to IMO instruments

Remarks : Not applicable

## SECTION 15: Regulatory information

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

#### Other regulations:

National and local regulations must be observed.

### 15.2 Chemical safety assessment

not required

## SECTION 16: Other information

### Full text of H-Statements

H301	: Toxic if swallowed.
H302	: Harmful if swallowed.
H310	: Fatal in contact with skin.
H314	: Causes severe skin burns and eye damage.
H315	: Causes skin irritation.
H317	: May cause an allergic skin reaction.
H318	: Causes serious eye damage.
H330	: Fatal if inhaled.
H400	: Very toxic to aquatic life.
H410	: Very toxic to aquatic life with long lasting effects.
H411	: Toxic to aquatic life with long lasting effects.
H412	: Harmful to aquatic life with long lasting effects.

### Full text of other abbreviations

Acute Tox.	: Acute toxicity
Aquatic Acute	: Short-term (acute) aquatic hazard
Aquatic Chronic	: Long-term (chronic) aquatic hazard
Eye Dam.	: Serious eye damage
Skin Corr.	: Skin corrosion
Skin Irrit.	: Skin irritation
Skin Sens.	: Skin sensitisation
GB EH40	: UK. EH40 WEL - Workplace Exposure Limits
GB EH40 / TWA	: Long-term exposure limit (8-hour TWA reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## PRINTPERFEKT BLANC FF

Version 6.0  
Revision Date: 18.01.2022

Date of last issue: 12.01.2022  
Date of first issue: 30.06.2014

Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

### Further information

Training advice : Based on the information in the safety data sheet and the workplace conditions, employees must be regularly trained in the safe handling of the product. National rules for training employees in handling hazardous substances must be observed.

Other information : The classification for dangerous physico-chemical properties, health and environmental hazards has been derived from a combination of computational methods and, if available, test data.

This data sheet contains changes from the previous version in section(s):

2

3

8

11

12

16

Sources of key data used to compile the Safety Data : Information from our suppliers, as well as data from the "Registered substances database" of the European Chemicals

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## PRINTPERFEKT BLANC FF

Version      Revision Date:  
6.0            18.01.2022

Date of last issue: 12.01.2022  
Date of first issue: 30.06.2014

---

Sheet

Agency (ECHA) has been used to compile this safety data sheet.

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.

GB / EN