

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 28.05.2019

Version number 11

Revision: 28.05.2019

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

- **1.1 Product identifier**
- **Trade name: impralit-KD-color 670**
- **Article number: W766770**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Coating
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
RÜTGERS Organics GmbH  
Oppauer Straße 43  
D-68305 Mannheim  
Tel.: \*\*49-621-76540  
US: 1-980-253-8880  
Fax : \*\*49-621-7654446  
e-mail: SDB.rog@ruetgers-organics.de
- **Informing department:** see: Heading 16 (Contact)
- **1.4 Emergency telephone number:** see: Manufacturer/Supplier

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS05

- **Signal word** Danger
- **Hazard-determining components of labelling:**  
Cocosalkylaminoxethylate, 9-15 EO
- **Hazard statements**  
H318 Causes serious eye damage.
- **Precautionary statements**  
P280 Wear eye protection / face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER/doctor.
- **Additional information:**  
Contains (2,2'-(3,3'-dioxidobiphenyl-4,4'-diyldiazo)bis(6-(4-(3-(diethylamino)propylamino)-6-(3-(diethylammonio)propylamino)-1,3,5-triazin-2-ylamino)-3-sulfonato-1-naphtholato))di-copper(II) acetate lactate. May produce an allergic reaction.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.

(Contd. on page 2)

GB

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 28.05.2019

Version number 11

Revision: 28.05.2019

Trade name: **impralit-KD-color 670**• **vPvB**: Not applicable.

(Contd. of page 1)

### SECTION 3: Composition/information on ingredients

#### • 3.2 Chemical characterisation: Mixtures

• **Description**: Mixture consisting of the following components.

#### • Dangerous components:

CAS: 61791-14-8	Cocosalkylaminooxethylate, 9-15 EO ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302	<5%
CAS: 112-38-9 EINECS: 203-965-8	10-Undecenoic acid ⚠ Skin Irrit. 2, H315; ⚠ Eye Irrit. 2, H319; ⚠ Aquatic Chronic 3, H412	<5%
CAS: 89857-06-7 ELINCS: 400-920-6	Black HM 2482 ⚠ Aquatic Chronic 3, H412	0-<5%
ELINCS: 404-540-1 Index number: 611-016-00-8	Azo pigment in solution (water and organic) ⚠ Skin Sens. 1, H317	0-<1%
CAS: 159604-94-1 ELINCS: 407-240-9 Index number: 611-078-00-6	(2,2'-(3,3'-dioxidobiphenyl-4,4'-diyldiazo)bis(6-(4-(3-(diethylamino)propylamino)-6-(3-(diethylammonio)propylamino)-1,3,5-triazin-2-ylamino)-3-sulfonato-1-naphtholato))di-copper(II) acetate lactate ⚠ Aquatic Chronic 2, H411; ⚠ Skin Sens. 1, H317	0-<1%

• **Additional information** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

#### • 4.1 Description of first aid measures

##### • After inhalation

Supply fresh air and call for doctor for safety reasons.

In case of unconsciousness bring patient into stable side position for transport.

• **After skin contact** Instantly wash with water and soap and rinse thoroughly.

• **After eye contact** Rinse opened eye for several minutes under running water.

• **After swallowing** In case of persistent symptoms consult doctor.

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

No further relevant information available.

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

No further relevant information available.

### SECTION 5: Firefighting measures

#### • 5.1 Extinguishing media

• **Suitable extinguishing agents** Use fire fighting measures that suit the environment.

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

No further relevant information available.

#### • 5.3 Advice for firefighters

• **Protective equipment**: No special measures required.

### SECTION 6: Accidental release measures

• **6.1 Personal precautions, protective equipment and emergency procedures** Not required.

• **6.2 Environmental precautions**: Dilute with much water.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

(Contd. on page 3)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 28.05.2019

Version number 11

Revision: 28.05.2019

**Trade name: impralit-KD-color 670**

(Contd. of page 2)

• **6.4 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**

• **7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Precautions against electrostatic charging.

• **Information about protection against explosions and fires:** No special measures required.

• **7.2 Conditions for safe storage, including any incompatibilities**

• **Storage**

• **Requirements to be met by storerooms and containers:** No special requirements.

• **Information about storage in one common storage facility:** Not required.

• **Further information about storage conditions:** None.

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

\* **SECTION 8: Exposure controls/personal protection**

• **Additional information about design of technical systems:** No further data; see item 7.

• **8.1 Control parameters**

• **Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

• **Additional information:** The lists that were valid during the compilation were used as basis.

• **8.2 Exposure controls**

• **Personal protective equipment**

• **General protective and hygienic measures**

Take off immediately all contaminated clothing

Wash hands during breaks and at the end of the work.

• **Breathing equipment:**

In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.

• **Protection of hands:**

Protective gloves.

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

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

• **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 breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.

• **Eye protection:** Safety glasses recommended during refilling.

(Contd. on page 4)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 28.05.2019

Version number 11

Revision: 28.05.2019

Trade name: *impralit-KD-color 670*

(Contd. of page 3)

- **Body protection:** *Protective work clothing.*

### SECTION 9: Physical and chemical properties

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

##### • General Information

##### • Appearance:

• <b>Form:</b>	Fluid
• <b>Colour:</b>	Black
• <b>Odour:</b>	Product specific
• <b>Odour threshold:</b>	Not determined.

• **pH-value:** Not determined.

##### • Change in condition

• <b>Melting point/freezing point:</b>	Not determined
• <b>Initial boiling point and boiling range:</b>	100 °C

• **Flash point:** >300 °C

• **Inflammability (solid, gaseous)** Not applicable.

• **Ignition temperature:** >300 °C

• **Decomposition temperature:** Not determined.

• **Self-inflammability:** Product is not selfigniting.

• **Explosive properties:** Product is not explosive.

##### • Critical values for explosion:

• <b>Lower:</b>	Not determined.
• <b>Upper:</b>	Not determined.

• **Vapour pressure at 20 °C:** 23 hPa

• <b>Density</b>	Not determined
• <b>Relative density</b>	Not determined.
• <b>Vapour density</b>	Not determined.
• <b>Evaporation rate</b>	Not determined.

##### • Solubility in / Miscibility with

• **Water:** Fully miscible

• **Partition coefficient: n-octanol/water:** Not determined.

##### • Viscosity:

• <b>dynamic:</b>	Not determined.
• <b>kinematic:</b>	Not determined.

##### • Solvent content:

• **Water:** 41.7 %

• **9.2 Other information** No further relevant information available.

### SECTION 10: Stability and reactivity

• **10.1 Reactivity** No further relevant information available.

• **10.2 Chemical stability**

• **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

• **10.3 Possibility of hazardous reactions** No dangerous reactions known

• **10.4 Conditions to avoid** No further relevant information available.

• **10.5 Incompatible materials:** No further relevant information available.

(Contd. on page 5)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 28.05.2019

Version number 11

Revision: 28.05.2019

Trade name: **impralit-KD-color 670**

(Contd. of page 4)

- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation**  
Causes serious eye damage.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.  
Do not allow product to reach ground water, water bodies or sewage system.  
Danger to drinking water if even small quantities leak into soil.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

#### • European waste catalogue

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01 00	wastes from MFSU and removal of paint and varnish
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances

- **Uncleaned packagings:**
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

GB

(Contd. on page 6)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 28.05.2019

Version number 11

Revision: 28.05.2019

Trade name: **impralit-KD-color 670**

(Contd. of page 5)

### SECTION 14: Transport information

<ul style="list-style-type: none"> <li>• <b>14.1 Substance Index Number</b></li> <li>• <b>ADR, ADN, IMDG, IATA</b></li> </ul>	Void
<ul style="list-style-type: none"> <li>• <b>14.2 UN proper shipping name</b></li> <li>• <b>ADR, ADN, IMDG, IATA</b></li> </ul>	Void
<ul style="list-style-type: none"> <li>• <b>14.3 Transport hazard class(es)</b></li> <li>• <b>ADR, ADN, IMDG, IATA</b></li> <li>• <b>Class</b></li> </ul>	Void
<ul style="list-style-type: none"> <li>• <b>14.4 Packing group</b></li> <li>• <b>ADR, IMDG, IATA</b></li> </ul>	Void
<ul style="list-style-type: none"> <li>• <b>14.5 Environmental hazards:</b></li> <li>• <b>Marine pollutant:</b></li> </ul>	No
<ul style="list-style-type: none"> <li>• <b>14.6 Special precautions for user</b></li> </ul>	Not applicable.
<ul style="list-style-type: none"> <li>• <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b></li> </ul>	Not applicable.
<ul style="list-style-type: none"> <li>• <b>UN "Model Regulation":</b></li> </ul>	Void

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. It is the responsibility of the user to assure himself that the information provided with this material safety data sheet is complete and applicable for his utilization of the product.

- **Relevant phrases**  
H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.
- **Department issuing data specification sheet:** Product safety department, Mannheim
- **Contact:**  
RÜTGERS Organics  
Product Safety  
Tel. \*\*49 / 621 7654 247
- **Abbreviations and acronyms:**  
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
ICAO: International Civil Aviation Organisation  
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods

(Contd. on page 7)



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

Printing date 28.05.2019

Version number 11

Revision: 28.05.2019

**Trade name: impralit-KD-color 670**

(Contd. of page 6)

*IATA: International Air Transport Association**GHS: Globally Harmonised System of Classification and Labelling of Chemicals**EINECS: European Inventory of Existing Commercial Chemical Substances**ELINCS: European List of Notified Chemical Substances**CAS: Chemical Abstracts Service (division of the American Chemical Society)**PBT: Persistent, Bioaccumulative and Toxic**vPvB: very Persistent and very Bioaccumulative**Acute Tox. 4: Acute toxicity – Category 4**Skin Irrit. 2: Skin corrosion/irritation – Category 2**Eye Dam. 1: Serious eye damage/eye irritation – Category 1**Eye Irrit. 2: Serious eye damage/eye irritation – Category 2**Skin Sens. 1: Skin sensitisation – Category 1**Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2**Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3***• \* Data compared to the previous version altered.**

GB