

**Safety data sheet**  
**according to Regulation (EC) No 1907/2006, Article 31**

Printing date 24.04.2024

Version number 6 (replaces version 5)

Revision: 24.04.2024

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

- **Trade name:** **REDOCOL greenline Kantol**
- **UFI:** 5W10-90XS-K00V-DRNX

**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** Wood adhesive

**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

Ostermann UK Ltd.  
Stonebridge Cross Business Park  
Unit 104 Pointon Way  
Droitwich  
WR9 0LW  
United Kingdom  
Phone (UK): +44 (0) 1905 793 550  
Phone (Ireland): +44 (0) 1905 793 552  
Fax: +44 (0) 1905 793 559

**Informing department:**

Customer Service  
Phone: +49 (0) 2871 / 2550-0

**1.4 Emergency telephone number:**

Gift-Informationszentrum Nord, Göttingen  
Poison Information Center, Göttingen  
Tel.: +49 (0)551 19240  
(German and English only)

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

- **Classification according to Regulation (EC) No 1272/2008**



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.

**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**



GHS07

- **Signal word** Warning

- **Hazard-determining components of labelling:**

2-methyl-2H-isothiazol-3-one  
1,2-benzisothiazol-3(2H)-one

(Contd. on page 2)

# Safety data sheet

## according to Regulation (EC) No 1907/2006, Article 31

Printing date 24.04.2024

Version number 6 (replaces version 5)

Revision: 24.04.2024

**Trade name: REDOCOL greenline Kantol**

(Contd. from page 1)

Rosin

a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1)

- **Hazard statements**

H317 May cause an allergic skin reaction.

- **Precautionary statements**

P261 Avoid breathing mist/vapours/spray.

P280 Wear protective gloves / eye protection / face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Additional information:**

Please refer to further labelling elements in section 15 of this safety data sheet, if applicable.

- **2.3 Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Determination of endocrine-disrupting properties**

The product does not contain substances with endocrine disrupting properties.

### SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**

- **Description:** Mixture of the substances listed below including additives not requiring identification.

- **Dangerous components:**

CAS: 8050-09-7 EINECS: 232-475-7 Index number: 650-015-00-7 Reg.nr.: 01-2119480418-32-X	Rosin ⚠ Skin Sens. 1, H317	≥ 0.1 - < 1%
CAS: 2634-33-5 EINECS: 220-120-9 Index number: 613-088-00-6 Reg.nr.: 01-2120761540-60-X	1,2-benzisothiazol-3(2H)-one ⚠ Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=10); ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1;H317: C ≥ 0.05 %	≥ 0.025 - < 0.05%

(Contd. on page 3)

# Safety data sheet

## according to Regulation (EC) No 1907/2006, Article 31

Printing date 24.04.2024

Version number 6 (replaces version 5)

Revision: 24.04.2024

**Trade name: REDOCOL greenline Kantol**

(Contd. from page 2)		
CAS: 2682-20-4 EINECS: 220-239-6 Index number: 613-326-00-9 Reg.nr.: 01-2120764690-50-X	2-methyl-2H-isothiazol-3-one ⚠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; ⚠ Skin Corr. 1B, H314; ⚠ Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); ⚠ Skin Sens. 1A, H317, EUH071 Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.0015 %	≥ 0.0015 - < 0.025%
CAS: 55965-84-9 Index number: 613-167-00-5 Reg.nr.: 01-2120764691-48-X	a mixture of: 5-chloro-2-methyl-2 H - isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1) ⚠ Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330; ⚠ Skin Corr. 1B, H314; ⚠ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); ⚠ Skin Sens. 1, H317, EUH071 Specific concentration limits: Skin Corr.1C; H314: C ≥ 0.6 % Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 % Eye Dam. 1; H318: C ≥ 0.6 % Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 % Skin Sens. 1; H317: C ≥ 0.0015 %	≥ 0.00025 - < 0.0015%

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
  - **General information** No special measures required.
  - **After inhalation** Supply fresh air; consult doctor in case of symptoms.
  - **After skin contact**  
Wash intensively with water and soap. Use protective skin ointment.  
In case of skin irritations or sensitizing effects, consult doctor.  
Wash contaminated clothing before re-use.
  - **After eye contact**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
  - **After swallowing**  
Rinse out mouth.  
After ingestion of large amounts drink 1 glas of water and call for doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** Allergic reactions
- **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**  
CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fire with alcohol-resistant foam.
  - **For safety reasons unsuitable extinguishing agents** None known.
- **5.2 Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
  - **Protective equipment:** Wear self-contained breathing apparatus.

(Contd. on page 4)

# Safety data sheet

## according to Regulation (EC) No 1907/2006, Article 31

Printing date 24.04.2024

Version number 6 (replaces version 5)

Revision: 24.04.2024

**Trade name: REDOCOL greenline Kantol**

(Contd. from page 3)

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Avoid contact to eyes, skin and clothes.  
Particular danger of slipping on leaked/spilled product.
- **6.2 Environmental precautions:** Do not allow to enter drainage system, surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).  
Dispose of contaminated material as waste according to section 13.
- **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**  
Do not eat, drink or smoke while working.  
Ensure good ventilation/exhaustion at the workplace.
- **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:**  
Store in a cool, dry and light-protected place.
    - **Information about storage in one common storage facility:** Not required.
    - **Further information about storage conditions:**  
Protect from frost.  
Store container in a well ventilated position.
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**

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

**8050-09-7 Rosin**

WEL (Great Britain)	Short-term value: 0.15 mg/m <sup>3</sup> Long-term value: 0.05 mg/m <sup>3</sup> Sen
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- **DNELs**

**2634-33-5 1,2-benzisothiazol-3(2H)-one**

Dermal	DNEL (worker, long-term, systemic)	0.966 mg/kg bw/day (human)
	DNEL (consumer, long-term, systemic)	0.345 mg/kg bw/day (human)
Inhalative	DNEL (worker, long-term, systemic)	6.81 mg/m <sup>3</sup> (human)
	DNEL (consumer, long-term, systemic)	1.2 mg/m <sup>3</sup> (human)

**2682-20-4 2-methyl-2H-isothiazol-3-one**

Oral	DNEL (consumer, short-term, systemic)	0.053 mg/kg bw/day (human)
	DNEL (consumer, long-term, systemic)	0.027 mg/kg bw/day (human)
Inhalative	DNEL (worker, short-term, local)	0.043 mg/m <sup>3</sup> (human)
	DNEL (worker, long-term, local)	0.021 mg/m <sup>3</sup> (human)
	DNEL (consumer, short-term, local)	0.043 mg/m <sup>3</sup> (human)

(Contd. on page 5)

# Safety data sheet

## according to Regulation (EC) No 1907/2006, Article 31

Printing date 24.04.2024

Version number 6 (replaces version 5)

Revision: 24.04.2024

**Trade name: REDOCOL greenline Kantol**

(Contd. from page 4)

	DNEL (consumer, long-term, local)	0.021 mg/m <sup>3</sup> (human)
<b>55965-84-9 a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1)</b>		
Oral	DNEL (consumer, short-term, systemic)	0.11 mg/kg bw/day (human)
	DNEL (consumer, long-term, systemic)	0.09 mg/kg bw/day (human)
Inhalative	DNEL (worker, short-term, local)	0.04 mg/m <sup>3</sup> (human)
	DNEL (worker, long-term, local)	0.02 mg/m <sup>3</sup> (human)
	DNEL (consumer, short-term, local)	0.04 mg/m <sup>3</sup> (human)
	DNEL (consumer, long-term, local)	0.02 mg/m <sup>3</sup> (human)

- **PNECs**

**2634-33-5 1,2-benzisothiazol-3(2H)-one**

PNEC aqua (freshwater)	0.00403 mg/L (.)
PNEC aqua (marine water)	0.000403 mg/L (.)
PNEC STP - Sewage Treatment Plant	1.03 mg/L (.)
PNEC soil	3 mg/kg soil dw (.)
PNEC sediment (freshwater)	0.0499 mg/kg sedim. dw (.)
PNEC sediment (marine water)	0.00499 mg/kg sedim. dw (.)

**2682-20-4 2-methyl-2H-isothiazol-3-one**

PNEC aqua (freshwater)	0.00339 mg/L (.)
PNEC aqua (marine water)	0.00339 mg/L (.)
PNEC STP - Sewage Treatment Plant	0.23 mg/L (.)
PNEC soil	0.047 mg/kg soil dw (.)
PNEC aqua (intermittent releases)	0.00339 mg/L (.)

**55965-84-9 a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1)**

PNEC aqua (freshwater)	0.00339 mg/L (.)
PNEC aqua (marine water)	0.00339 mg/L (.)
PNEC STP - Sewage Treatment Plant	0.23 mg/L (.)
PNEC soil	0.01 mg/kg soil dw (.)
PNEC sediment (freshwater)	0.027 mg/kg sedim. dw (.)
PNEC sediment (marine water)	0.027 mg/kg sedim. dw (.)
PNEC aqua (intermittent releases)	0.00339 mg/L (.)

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

- **8.2 Exposure controls**

- **Individual protection measures, such as personal protective equipment**

- **General protective and hygienic measures**

Do not eat, drink or smoke while working.  
 Keep away from foodstuffs, beverages and food.  
 Take off all contaminated clothing immediately.  
 Store protective clothing separately.

- **Breathing equipment:**

Not necessary if room is well-ventilated.  
 Use a breathing protection if high concentrations are present.  
 Filter A/P2.

- **Hand protection**



Use gloves of stable material (i.e. nitril rubber).

To avoid skin problems reduce the wearing of gloves to the required minimum.

(Contd. on page 6)

# Safety data sheet

## according to Regulation (EC) No 1907/2006, Article 31

Printing date 24.04.2024

Version number 6 (replaces version 5)

Revision: 24.04.2024

**Trade name: REDOCOL greenline Kantol**

(Contd. from page 5)

- **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.

Nitrile rubber, NBR

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

In case of a layer thickness of 0.4 mm the penetration time is longer than 480 minutes.

- **Eye/face protection**



Safety glasses

- **Body protection:** Wear suitable protective clothing.

### SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

· <b>Physical state</b>	Fluid
· <b>Colour:</b>	Whitish
· <b>Odour:</b>	Characteristic
· <b>Odour threshold:</b>	Not determined.
· <b>Melting point/freezing point:</b>	0 °C
· <b>Boiling point or initial boiling point and boiling range</b>	100 °C
· <b>Flammability</b>	Not applicable.
· <b>Flash point:</b>	Not applicable
· <b>Decomposition temperature:</b>	Not determined.
· <b>SADT</b>	
· <b>pH at 20 °C</b>	4.0 - 5.5
· <b>Viscosity:</b>	
· <b>Kinematic viscosity at 40 °C</b>	6000 - 8000 mm <sup>2</sup> /s
· <b>dynamic at 20 °C:</b>	6000 - 8000 mPas
· <b>Solubility</b>	
· <b>Water:</b>	Fully miscible
· <b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
· <b>Vapour pressure:</b>	Not determined.
· <b>Density and/or relative density</b>	
· <b>Density at 20 °C</b>	1 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density at 20 °C</b>	< 1

- **9.2 Other information**

· <b>Appearance:</b>	
· <b>Form:</b>	Dispersion
· <b>Important information on protection of health and environment, and on safety.</b>	
· <b>Self-inflammability:</b>	Product is not selfigniting.
· <b>Explosive properties:</b>	Product is not explosive.

(Contd. on page 7)

# Safety data sheet

## according to Regulation (EC) No 1907/2006, Article 31

Printing date 24.04.2024

Version number 6 (replaces version 5)

Revision: 24.04.2024

Trade name: REDOCOL greenline Kantol

(Contd. from page 6)

- **Change in condition**
- **Evaporation rate** Not determined.

- **Information with regard to physical hazard classes**
- **Explosives** Void
- **Flammable gases** Void
- **Aerosols** Void
- **Oxidising gases** Void
- **Gases under pressure** Void
- **Flammable liquids** Void
- **Flammable solids** Void
- **Self-reactive substances and mixtures** Void
- **Pyrophoric liquids** Void
- **Pyrophoric solids** Void
- **Self-heating substances and mixtures** Void
- **Substances and mixtures, which emit flammable gases in contact with water** Void
- **Oxidising liquids** Void
- **Oxidising solids** Void
- **Organic peroxides** Void
- **Corrosive to metals** Void
- **Desensitised explosives** Void

### 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.
- **10.6 Hazardous decomposition products:** None when used as intended.

### SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values that are relevant for classification:**

#### 8050-09-7 Rosin

Oral	LD50	> 2,000 mg/kg (Rat)
Dermal	LD50	> 2,000 mg/kg (Rat) (OECD 402)

#### 2634-33-5 1,2-benzisothiazol-3(2H)-one

Oral	LD50	490 mg/kg (Rat)
Dermal	LD50	> 2,000 mg/kg (Rat)

#### 2682-20-4 2-methyl-2H-isothiazol-3-one

Oral	LD50	120 mg/kg (Rat)
Dermal	LD50	242 mg/kg (Rat)

#### 55965-84-9 a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1)

Oral	LD50	472 mg/kg (Rat) (OECD 401)
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(Contd. on page 8)

# Safety data sheet

## according to Regulation (EC) No 1907/2006, Article 31

Printing date 24.04.2024

Version number 6 (replaces version 5)

Revision: 24.04.2024

**Trade name: REDOCOL greenline Kantol**

(Contd. from page 7)

Dermal LD50	> 1,008 mg/kg (Rat) (OECD 402)
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- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation**  
Sensitive persons can possibly have allergic reactions. This is also valid below the fixed levels of exposure.
- **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.
- **11.2 Information on other hazards**

· <b>Endocrine disrupting properties</b>
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None of the ingredients is listed.
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## SECTION 12: Ecological information

### · 12.1 Toxicity

· <b>Aquatic toxicity:</b>
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<b>8050-09-7 Rosin</b>
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EC50 (static)	911 mg/l/48h (Daphnia magna) (OECD 202)
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EC50 (static)	> 1,000 mg/l/96h (Raphidocelis subcapitata) (OECD 201)
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LC50	< 10 mg/l/96h (Danio rerio) (OECD 203)
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<b>2634-33-5 1,2-benzisothiazol-3(2H)-one</b>
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LC50	22 mg/l /96h (Cyprinodon variegatus)
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EC50	2.9 mg/l/48h (Daphnia magna)
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<b>2682-20-4 2-methyl-2H-isothiazol-3-one</b>
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LC50	0.934 mg/l /48h (Daphnia magna)
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EC50	0.0695 mg/l/24h (Skeletonema costatum)
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<b>55965-84-9 a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1)</b>
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EC50	0.71 mg/l/48h (Daphnia magna) (OECD 202)
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EC50	0.35 mg/l/96h (Raphidocelis subcapitata) (OECD 201)
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LC50	1.57 mg/l/96h (Oncorhynchus mykiss) (OECD 203)
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- **12.2 Persistence and degradability** No further relevant information available.
- **Other information:** There are no data available about the preparation.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
  - **PBT:** Not applicable.
  - **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**  
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**

· <b>Behaviour in sewage processing plants:</b>
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<b>2634-33-5 1,2-benzisothiazol-3(2H)-one</b>
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EC50	12.8 mg/l/3h (activated sludge)
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(Contd. on page 9)



# Safety data sheet

## according to Regulation (EC) No 1907/2006, Article 31

Printing date 24.04.2024

Version number 6 (replaces version 5)

Revision: 24.04.2024

**Trade name: REDOCOL greenline Kantol**

(Contd. from page 8)

- **Additional ecological information:**
- **General notes:**  
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
The waste code numbers mentioned are recommendations based on the probable use of the product.

- **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 04 00	wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09

- **Uncleaned packagings:**
- **Recommendation:**  
Dispose of packaging according to regulations on the disposal of packagings.  
Non contaminated packagings can be used for recycling.  
Packagings that cannot be cleaned are to be disposed of in the same manner as the product.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

### SECTION 14: Transport information

<ul style="list-style-type: none"> <li>· <b>14.1 UN number or ID number</b></li> <li>· <b>ADR/RID, 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/RID, 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/RID, 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/RID, IMDG, IATA</b></li> </ul>	Void
<ul style="list-style-type: none"> <li>· <b>14.5 Environmental hazards:</b></li> </ul>	Not applicable.
<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 Maritime transport in bulk according to IMO instruments</b></li> </ul>	Not applicable.
<ul style="list-style-type: none"> <li>· <b>Transport/Additional information:</b></li> </ul>	Not dangerous according to the above specifications.
<ul style="list-style-type: none"> <li>· <b>UN "Model Regulation":</b></li> </ul>	Void

(Contd. on page 10)

# Safety data sheet

## according to Regulation (EC) No 1907/2006, Article 31

Printing date 24.04.2024

Version number 6 (replaces version 5)

Revision: 24.04.2024

**Trade name: REDOCOL greenline Kantol**

(Contd. from page 9)

### SECTION 15: Regulatory information

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

- **Labelling according to Regulation (EC) No 528/2012**

The product is a treated article and contains biocidal products.

- **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

- **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

- **REGULATION (EU) 2019/1148**

- **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

- **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

- **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

- **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

- **National regulations**

- **Information about limitation of use:**

Workers should not be exposed to the hazardous materials contained in this preparation.

Exceptions can be made by the authorities in certain exceptional cases.

- **Water hazard class:**

- **Substances of very high concern (SVHC) according to REACH, Article 57**

None of the ingredients is contained.

- **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. This safety data sheet meets the requirements of Regulation (EU) 2015/830 and 2020/878 amending Annex II of Regulation (EC) 1907/2006.

- **Relevant phrases**

H301 Toxic if swallowed.  
 H302 Harmful if swallowed.  
 H310 Fatal in contact with skin.  
 H311 Toxic 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.  
 H319 Causes serious eye irritation.  
 H330 Fatal if inhaled.  
 H400 Very toxic to aquatic life.  
 H410 Very toxic to aquatic life with long lasting effects.

(Contd. on page 11)

# Safety data sheet

## according to Regulation (EC) No 1907/2006, Article 31

Printing date 24.04.2024

Version number 6 (replaces version 5)

Revision: 24.04.2024

**Trade name: REDOCOL greenline Kantol**

(Contd. from page 10)

EUH071 Corrosive to the respiratory tract.

• **Department issuing data specification sheet:**

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• **Version number of previous version: 5**

• **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

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)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 2: Acute toxicity – Category 2

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

• **Sources**

Because of lack on recipe information, this SDS was created on the basis of the supplier's SDS.