

Safety data sheet
in accordance with UK REACH Regulation (EC) No 1907/2006 as amended

Printing date 16.01.2026

Version number 1

Revision: 12.11.2025

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

1.1 Product identifier

Trade name: **K Rend Colour Enhance**

Safety data sheet no.: 44P10971

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 Construction chemicals

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Kilwaughter Minerals Ltd.

9 Starbog Road

Larne

United Kingdom

BT40 2TJ

Phone: 028 2826 0766

Fax: 028 2826 0136

KilwaughterSDS@saint-gobain.com

1.4 Emergency telephone number:

UK: NHS 111 (Members of the public)

UK NPIS 24-hour telephone helpline: +44 (0)344 892 0111 (Healthcare professionals 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.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GB CLP regulation.

Hazard pictograms



GHS07

Signal word Warning

Hazard-determining components of labelling:

2-methyl-2H-isothiazol-3-one

octhiline (ISO);2-octyl-2H-isothiazol-3-one

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

Hazard statements

H317 May cause an allergic skin reaction.

(Contd. on page 2)

Safety data sheet

in accordance with UK REACH Regulation (EC) No 1907/2006 as amended

Printing date 16.01.2026

Version number 1

Revision: 12.11.2025

Trade name: K Rend Colour Enhance

(Contd. of page 1)

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P261 Avoid breathing mist/vapours/spray.

P273 Avoid release to the environment.

P280 Wear protective gloves / protective clothing.

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

2.3 Other hazards
Results of PBT and vPvB assessment
PBT: Does not contain PBT substances.

vPvB: Does not contain vPvB substances.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures
Description: Mixture consisting of the following components.

Dangerous components:

| | | |
|--|---|-----------------|
| CAS: 13463-67-7 EINECS: 236-675-5 Reg.nr.: 01-2119489379-17-xxxx | titanium dioxide substance with a Community workplace exposure limit | 2-5% |
| CAS: 107-98-2 EINECS: 203-539-1 Index number: 603-064-00-3 Reg.nr.: 01-2119457435-35-xxxx | 1-methoxypropan-2-ol ⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336 | 0.1-1% |
| CAS: 112-34-5 EINECS: 203-961-6 Index number: 603-096-00-8 Reg.nr.: 01-2119475104-44-xxxx | 2-(2-butoxyethoxy)ethanol ⚠ Eye Irrit. 2, H319 | 0.1-1% |
| CAS: 119345-04-9 EC number: 601-601-6 Reg.nr.: 01-2119492361-39-xxxx | Benzene, 1,1'-oxybis-, tetrapropylene derivs., sulfonated, sodium salts ⚠ Repr. 2, H361fd; ⚠ Eye Dam. 1, H318; ⚠ Aquatic Chronic 2, H411 | ≥0.25-<1% |
| CAS: 330-54-1 EINECS: 206-354-4 Index number: 006-015-00-9 Reg.nr.: 01-2119517622-45-xxxx | diuron (ISO); 3-(3,4-dichlorophenyl)-1,1- dimethylurea ⚠ Carc. 2, H351; STOT RE 2, H373; ⚠ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100) | ≥0.0025-<0.025% |

(Contd. on page 3)

Safety data sheet
in accordance with UK REACH Regulation (EC) No 1907/2006 as amended

Printing date 16.01.2026

Version number 1

Revision: 12.11.2025

Trade name: K Rend Colour Enhance

(Contd. of page 2)

| | | |
|--|---|-----------------|
| CAS: 13463-41-7 EINECS: 236-671-3 Index number: 613-333-00-7 Reg.nr.: 01-2119511196-46-xxxx | pyrrhione zinc Acute Tox. 3, H301; Acute Tox. 2, H330; Repr. 1B, H360D; STOT RE 1, H372; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=1000); Aquatic Chronic 1, H410 (M=10) | ≥0.0025-<0.025% |
| CAS: 2682-20-4 EINECS: 220-239-6 Index number: 613-326-00-9 | 2-methyl-2H-isothiazol-3-one Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); Skin Sens. 1A, H317 Specific concentration limit: Skin Sens. 1A;H317: C ≥ 0.0015 % | ≥0.0015-<0.025% |
| CAS: 26530-20-1 EINECS: 247-761-7 Index number: 613-112-00-5 | octhilonone (ISO);2-octyl-2H-isothiazol-3-one Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; Skin Corr. 1, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); Skin Sens. 1A, H317 Specific concentration limit: Skin Sens. 1A;H317: C ≥ 0.0015 % | ≥0.0025-<0.025% |

Additional information For the wording of the listed hazard statements refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information Immediately remove any clothing soiled by the product.

After inhalation

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

After skin contact Immediately wash with water and soap and rinse thoroughly.

After eye contact

Rinse immediately and abundantly with water. Seek medical attention, if pain or redness persists.

Remove contact lenses, if possible. Continue rinsing

After swallowing Rinse mouth. DO NOT induce vomiting. If symptoms persist consult a 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

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture No further relevant information available.

(Contd. on page 4)

Safety data sheet
 in accordance with UK REACH Regulation (EC) No 1907/2006 as amended

Printing date 16.01.2026

Version number 1

Revision: 12.11.2025

Trade name: K Rend Colour Enhance

(Contd. of page 3)

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:

The product must not get into lakes, rivers or canals, the sewage system or into the soil. Dam up or trap any escaping fluid immediately.

The product must not get into watercourses or into the soil.

Do not drain into drains or public water systems. Alert the relevant authorities if the liquid enters a sewer or open water.

6.3 Methods and material for containment and cleaning up:

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

Dispose of contaminated material as waste according to section 13.

Ensure adequate ventilation.

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 disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.

Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities
Storage
Requirements to be met by storerooms and receptacles:

Store only in unopened original receptacles.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions: None.

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

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
Additional information about design of technical facilities: No further data; see section 7.

Ingredients with limit values that require monitoring at the workplace:
DNELs
CAS: 14807-96-6 Talc (Mg₃H₂(SiO₃)₄)

| | | |
|--------|-------------------------|---|
| Oral | Derived No Effect Level | 160 mg/kgxday (consumer systemic long term value) 160 mg/kgxday (consumer systemic short term value) |
| Dermal | Derived No Effect Level | 43.2 mg/kgxday (worker systemic long term value) 21.6 mg/kgxday (consumer systemic long term value) 4.54 mg/kgxday (worker local long term value) |

(Contd. on page 5)

Safety data sheet
in accordance with UK REACH Regulation (EC) No 1907/2006 as amended

Printing date 16.01.2026

Version number 1

Revision: 12.11.2025

Trade name: K Rend Colour Enhance

(Contd. of page 4)

| | | |
|---|-------------------------|---|
| Inhalative | Derived No Effect Level | 2.27 mg/kgxday (consumer local long term value) 2.16 mg/m ³ (worker systemic long term value) 2.16 mg/m ³ (worker systemic short term value) 1.08 mg/m ³ (consumer systemic long term value) 1.08 mg/m ³ (consumer systemic short term value) 3.6 mg/m ³ (worker local short term value) 3.6 mg/m ³ (worker local long term value) 1.8 mg/m ³ (consumer local long term value) 1.8 mg/m ³ (consumer local short term value) |
| CAS: 13463-67-7 titanium dioxide | | |
| Inhalative | Derived No Effect Level | 1.25 mg/m ³ (worker local long term value) 0.21 mg/m ³ (consumer local long term value) |
| CAS: 112-34-5 2-(2-butoxyethoxy)ethanol | | |
| Oral | Derived No Effect Level | 6.25 mg/kgxday (consumer systemic long term value) |
| Inhalative | Derived No Effect Level | 101.2 mg/m ³ (worker local short term value) 67.5 mg/m ³ (worker local long term value) |
| CAS: 119345-04-9 Benzene, 1,1'-oxybis-, tetrapropylene derivs., sulfonated, sodium salts | | |
| Oral | Derived No Effect Level | 0.6 mg/kgxday (consumer systemic long term value) |
| Dermal | Derived No Effect Level | 1.2 mg/kgxday (worker systemic long term value) 0.6 mg/kgxday (consumer systemic long term value) |
| Inhalative | Derived No Effect Level | 4.4 mg/m ³ (worker systemic long term value) 1.1 mg/m ³ (consumer systemic long term value) |
| CAS: 330-54-1 diuron (ISO); 3-(3,4-dichlorophenyl)-1,1-dimethylurea | | |
| Dermal | Derived No Effect Level | 5.79 mg/kgxday (worker systemic long term value) |
| Inhalative | Derived No Effect Level | 0.17 mg/m ³ (worker systemic long term value) |
| CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one | | |
| Oral | Derived No Effect Level | 0.027 mg/kgxday (consumer local long term value) |
| Inhalative | Derived No Effect Level | 0.043 mg/m ³ (worker local short term value) 0.021 mg/m ³ (worker local long term value) 0.021 mg/m ³ (consumer local long term value) 0.043 mg/m ³ (consumer local short term value) |

PNECs
CAS: 14807-96-6 Talc (Mg₃H₂(SiO₃)₄)

| | |
|-----------------------------------|--|
| Predicted No-Effect Concentration | 141.26 mg/l (sea water rating factor) 597.97 mg/l (fresh water rating factor) |
|-----------------------------------|--|

CAS: 112-34-5 2-(2-butoxyethoxy)ethanol

| | |
|-----------------------------------|---|
| Predicted No-Effect Concentration | 0.32 mg/kgxdwt (earth rating factor) |
| Predicted No-Effect Concentration | 0.11 mg/l (sea water rating factor) 1.1 mg/l (fresh water rating factor) |

CAS: 119345-04-9 Benzene, 1,1'-oxybis-, tetrapropylene derivs., sulfonated, sodium salts

| | |
|-----------------------------------|--------------------------------------|
| Predicted No-Effect Concentration | 0.63 mg/kgxdwt (earth rating factor) |
|-----------------------------------|--------------------------------------|

(Contd. on page 6)

Safety data sheet
 in accordance with UK REACH Regulation (EC) No 1907/2006 as amended

Printing date 16.01.2026

Version number 1

Revision: 12.11.2025

Trade name: K Rend Colour Enhance

(Contd. of page 5)

| | |
|--|---|
| Predicted No-Effect Concentration | 0.003 mg/l (sea water rating factor) 0.031 mg/l (fresh water rating factor) |
| CAS: 330-54-1 diuron (ISO); 3-(3,4-dichlorophenyl)-1,1-dimethylurea | |
| Predicted No-Effect Concentration | 0.012 mg/kgxdwt (earth rating factor) |
| Predicted No-Effect Concentration | 0.000032 mg/l (sea water rating factor) 0.00032 mg/l (fresh water rating factor) |
| CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one | |
| Predicted No-Effect Concentration | 0.0471 mg/kgxdwt (earth rating factor) |
| Predicted No-Effect Concentration | 0.00339 mg/l (sea water rating factor) 0.00339 mg/l (fresh water rating factor) |
| CAS: 26530-20-1 octhilinone (ISO); 2-octyl-2H-isothiazol-3-one | |
| Predicted No-Effect Concentration | 0.0082 mg/kgxdwt (earth rating factor) |
| Predicted No-Effect Concentration | 0.00022 mg/l (sea water rating factor) 0.0022 mg/l (fresh water rating factor) |

CAS No. / Designation of material / % / Type / Value / Unit

| | |
|--|---|
| CAS: 13463-67-7 titanium dioxide | |
| WEL | Long-term value: 10* 4** mg/m ³ *total inhalable **respirable |
| CAS: 107-98-2 1-methoxypropan-2-ol | |
| WEL | Short-term value: 560 mg/m ³ , 150 ppm Long-term value: 375 mg/m ³ , 100 ppm Sk |
| CAS: 112-34-5 2-(2-butoxyethoxy)ethanol | |
| WEL | Short-term value: 101.2 mg/m ³ , 15 ppm Long-term value: 67.5 mg/m ³ , 10 ppm |

8.2 Exposure controls
Personal protective equipment:
General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Use a moisturising skin cream after processing the product.

Respiratory protection: Not necessary if room is well-ventilated.

Protection of hands: Protective gloves against chemicals (standard EN 374-1)

Material of gloves Nitrile rubber, NBR

Eye protection: Protective eyewear (standard EN 166)

Body protection: Protective work clothing.

GB

(Contd. on page 7)

Safety data sheet
 in accordance with UK REACH Regulation (EC) No 1907/2006 as amended

Printing date 16.01.2026

Version number 1

Revision: 12.11.2025

Trade name: K Rend Colour Enhance

(Contd. of page 6)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

| | |
|------------------|------------------------------------|
| Form: | Liquid |
| Colour: | According to product specification |
| Odour: | Characteristic |
| Odour threshold: | Not determined |

pH-value: Not determined

Change in condition

| | |
|--|--------------|
| Melting point/freezing point: | Undetermined |
| Initial boiling point and boiling range: | Undetermined |

Flash point: Not applicable

Flammability: Not applicable

Auto-ignition temperature: Not determined.

Decomposition temperature: Not determined

Ignition temperature: Product is not self-igniting.

Explosive properties: Product does not present an explosion hazard.

Explosion limits:

| | |
|--------|----------------|
| Lower: | Not determined |
| Upper: | Not determined |

Oxidising properties: Not determined.

Vapour pressure: Not determined

Density: Not determined

Bulk density: Not applicable.

Relative density: Not determined

Vapour density: Not determined

Evaporation rate: Not determined

Solubility in / Miscibility with

Water: Fully miscible

Segregation coefficient (n-octanol/water) log

Pow: Not determined

Viscosity:

dynamic: Not determined.

kinematic: Not determined.

Solvent separation test: Not applicable.

Solvent content:

| | |
|-------------------|----------|
| Organic solvents: | 0.3 % |
| Water: | 14.7 % |
| EU-VOC (%) | 1.1700 % |

(Contd. on page 8)

Safety data sheet
in accordance with UK REACH Regulation (EC) No 1907/2006 as amended

Printing date 16.01.2026

Version number 1

Revision: 12.11.2025

Trade name: K Rend Colour Enhance

(Contd. of page 7)

| | |
|------------------------------|--|
| EU-VOC (g/L) | 0.0620 g/l |
| 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 Stable at recommended storage conditions

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: 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.

LD/LC50 values relevant for classification:

| Components | Type | Value | Species |
|---|----------|---------------------|----------|
| Aqueous dispersion of a polymer based on: acrylic ester, styrene | | | |
| Oral | LD50 | >2,000-10,000 mg/kg | (Rat) |
| CAS: 14807-96-6 Talc (Mg3H2(SiO3)4) | | | |
| Oral | LD50 | 5,000 mg/kg | (Rat) |
| Dermal | LD50 | >2,000 mg/kg | (Rat) |
| CAS: 13463-67-7 titanium dioxide | | | |
| Oral | LD50 | >5,000 mg/kg | (Rat) |
| CAS: 107-98-2 1-methoxypropan-2-ol | | | |
| Oral | LD50 | >4,000 mg/kg | (Rat) |
| Dermal | LD50 | >2,000 mg/kg | (Rabbit) |
| CAS: 112-34-5 2-(2-butoxyethoxy)ethanol | | | |
| Oral | LD50 | >2,000 mg/kg | (Mouse) |
| Dermal | LD50 | 2,764 mg/kg | (Rabbit) |
| CAS: 119345-04-9 Benzene, 1,1'-oxybis-, tetrapropylene derivs., sulfonated, sodium salts | | | |
| Oral | LD50 | >2,000 mg/kg | (Rat) |
| Dermal | LD50 | >2,000 mg/kg | (Rabbit) |
| CAS: 330-54-1 diuron (ISO); 3-(3,4-dichlorophenyl)-1,1-dimethylurea | | | |
| Oral | LD50 | >2,000 mg/kg | (Rat) |
| Dermal | LD50 | >5,000 mg/kg | (Rat) |
| Inhalative | LC50/4 h | >5.05 mg/l | (Rat) |
| CAS: 13463-41-7 pyrithione zinc | | | |
| Oral | LD50 | 221 mg/kg | (ATE) |

(Contd. on page 9)

Safety data sheet
 in accordance with UK REACH Regulation (EC) No 1907/2006 as amended

Printing date 16.01.2026

Version number 1

Revision: 12.11.2025

Trade name: K Rend Colour Enhance

(Contd. of page 8)

| | | |
|--|----------|-------------------|
| Dermal | LD50 | 2,100 mg/kg (Rat) |
| Inhalative | LC50/4 h | 0.14 mg/l (ATE) |
| CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one | | |
| Oral | LD50 | 120 mg/kg (Rat) |
| Dermal | LD50 | 242 mg/kg (Rat) |
| Inhalative | LC50/4 h | 0.34 mg/l (Rat) |
| CAS: 26530-20-1 octhilinone (ISO);2-octyl-2H-isothiazol-3-one | | |
| Oral | LD50 | 125 mg/kg (ATE) |
| Dermal | LD50 | 311 mg/kg (ATE) |

Primary irritant effect:
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

May cause an allergic skin reaction.

Additional toxicological information:
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:

Harmful to aquatic life with long lasting effects (H412).

Harmful to aquatic life with long lasting effects.

Type of test / Effective concentration / Method / Assessment
Aqueous dispersion of a polymer based on: acrylic ester, styrene

| | |
|----------|---|
| LC50/96h | >100 mg/l (Brachydanio rerio (zebra danio)) |
| EC50/48h | >100 mg/l (Daphnia magna) |
| EC50/72h | >100 mg/l (Scenedesmus subspicatus (Algae)) |

CAS: 14807-96-6 Talc (Mg3H2(SiO3)4)

| | |
|------------|--|
| LC50/48h | 36,812 mg/l (aquatic invertebrates) |
| LC50/96h | 89,581-110,000 mg/l (Fish) |
| EC50/96h | 7,203 mg/l (aquatic algae and cyanobacteria) |
| NOEC (28d) | 918 mg/l (aquatic algae and cyanobacteria) |
| | 1,460 mg/l (aquatic invertebrates) |
| | 1,413-5,980 mg/l (Fish) |

CAS: 13463-67-7 titanium dioxide

| | |
|----------|---------------|
| IC50/72h | 1 mg/l (Fish) |
|----------|---------------|

(Contd. on page 10)

Safety data sheet
in accordance with UK REACH Regulation (EC) No 1907/2006 as amended

Printing date 16.01.2026

Version number 1

Revision: 12.11.2025

Trade name: K Rend Colour Enhance

(Contd. of page 9)

| | |
|------------|--|
| LC50/48h | >100 mg/l (aquatic invertebrates) |
| LC50/96h | >100 mg/l (Fish) |
| EC50/48h | >100 mg/l (aquatic invertebrates) |
| EC50/72h | >100 mg/l (Algae) |
| NOEC (72h) | ≥10 mg/l (aquatic algae and cyanobacteria) |
| NOEC (96h) | ≥1 mg/l (aquatic plants other than algae) |
| NOEC (21d) | ≥100 mg/l (aquatic invertebrates) |
| NOEC (28d) | ≥100 mg/l (aquatic invertebrates) |
| | ≥0.07 mg/l (Fish) |

CAS: 107-98-2 1-methoxypropan-2-ol

| | |
|----------|-----------------------------|
| LC50/96h | 6,812 mg/l (Fish) |
| EC50/48h | 23,300 mg/l (Daphnia magna) |

CAS: 112-34-5 2-(2-butoxyethoxy)ethanol

| | |
|-----------|--|
| LC50/48h | 1,000-2,209 mg/l (aquatic invertebrates) |
| LC50/96h | 1,300 mg/l (Fish) |
| EC50/24h | 2,850-3,200 mg/l (aquatic invertebrates) |
| EC50/48h | >100 mg/l (aquatic invertebrates) |
| EC50/96h | >100 mg/l (aquatic algae and cyanobacteria) |
| EC50/72h | 1,101 mg/l (aquatic algae and cyanobacteria) |
| EC 10/18h | 1,170 mg/l (microorganisms) |

CAS: 119345-04-9 Benzene, 1,1'-oxybis-, tetrapropylene derivs., sulfonated, sodium salts

| | |
|------------|--|
| LC50/48h | 1.64-3.63 mg/l (aquatic invertebrates) |
| LC50/96h | 1.3 mg/l (Fish) |
| EC50/96h | 840.1-949 mg/l (aquatic algae and cyanobacteria) |
| NOEC (96h) | 297.5 mg/l (aquatic algae and cyanobacteria) |
| | 1 mg/l (Fish) |
| NOEC (48h) | 0.5 mg/l (aquatic invertebrates) |
| NOEC (21d) | 1 mg/l (aquatic invertebrates) |

CAS: 330-54-1 diuron (ISO); 3-(3,4-dichlorophenyl)-1,1-dimethylurea

| | |
|------------|--|
| IC50/72h | 0.022 mg/l (Scenedesmus subspicatus (Algae)) |
| LC50/96h | 14.7 mg/l (Fish) |
| EC50/48h | 1.4 mg/l (Daphnia magna) |
| EC50/72h | 0.022-0.0309 mg/l (Algae) |
| NOEC (96h) | 0.0032-0.01 mg/l (Algae) |
| NOEC (21d) | 0.1-0.56 mg/l (Daphnia magna) |

CAS: 13463-41-7 pyrithione zinc

| | |
|------------|--|
| EC50/48h | 0.0082 mg/l (aquatic invertebrates) |
| EC50/96h | 0.0013 mg/l (aquatic algae and cyanobacteria) |
| | 0.0063 mg/l (aquatic invertebrates) |
| NOEC (96h) | 0.00046 mg/l (aquatic algae and cyanobacteria) |

(Contd. on page 11)

Safety data sheet
in accordance with UK REACH Regulation (EC) No 1907/2006 as amended

Printing date 16.01.2026

Version number 1

Revision: 12.11.2025

Trade name: K Rend Colour Enhance

(Contd. of page 10)

CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one

| | |
|------------|--|
| LC50/48h | 0.934 mg/l (aquatic invertebrates) 6.2 mg/l (Fish) |
| LC50/24h | 7.3 mg/l (Fish) |
| LC50/96h | 1.81 mg/l (aquatic invertebrates) 4.77 mg/l (Fish) |
| EC50/24h | 0.445 mg/l (aquatic algae and cyanobacteria) 1.7 mg/l (aquatic invertebrates) |
| EC50/48h | 1.6 mg/l (aquatic invertebrates) |
| EC50/96h | 0.0725 mg/l (aquatic algae and cyanobacteria) |
| NOEC (21d) | 0.042 mg/l (aquatic invertebrates) |
| EC 10/16h | 1 mg/l (microorganisms) |

CAS: 26530-20-1 octhilinone (ISO);2-octyl-2H-isothiazol-3-one

| | |
|----------|--|
| LC50/48h | 0.181 mg/l (aquatic invertebrates) |
| LC50/96h | 0.122 mg/l (Fish) |
| EC50/96h | 0.15 mg/l (aquatic algae and cyanobacteria) |
| EC 10 | 0.068 mg/l (aquatic algae and cyanobacteria) |

12.2 Persistence and degradability No further relevant information available.

Method
CAS: 107-98-2 1-methoxypropan-2-ol

Biod. (28 days) | 65-69 %

CAS: 112-34-5 2-(2-butoxyethoxy)ethanol

Biod. (28 days) | >80 %

CAS: 13463-41-7 pyriithione zinc

Biod. (28 days) | 39 %

12.3 Bioaccumulative potential
CAS: 107-98-2 1-methoxypropan-2-ol

EBAB | 0.37 log Pow

CAS: 112-34-5 2-(2-butoxyethoxy)ethanol

EBAB | 1 log Pow

CAS: 330-54-1 diuron (ISO); 3-(3,4-dichlorophenyl)-1,1-dimethylurea

EBAB | 2.8 log Pow

CAS: 13463-41-7 pyriithione zinc

EBAB | 0.9 log Pow

CAS: 26530-20-1 octhilinone (ISO);2-octyl-2H-isothiazol-3-one

EBAB | 2.61 log Pow (Bioaccumulation)

Bioaccumulation Factor (BCF) | 19.21

12.4 Mobility in soil No further relevant information available.

Ecotoxicological effects:
Remark: Harmful to fish

(Contd. on page 12)

Safety data sheet

in accordance with UK REACH Regulation (EC) No 1907/2006 as amended

Printing date 16.01.2026

Version number 1

Revision: 12.11.2025

Trade name: K Rend Colour Enhance

(Contd. of page 11)

Behaviour in sewage processing plants:

| Type of test / Effective concentration / Method / Assessment | |
|--|--------------------------------|
| CAS: 13463-67-7 titanium dioxide | |
| EC 50 (3h) | 1,000 mg/l (microorganisms) |
| CAS: 107-98-2 1-methoxypropan-2-ol | |
| EC 50 (3h) | >1,000 mg/l (Activated sludge) |
| CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one | |
| EC 50 (3h) | 41 mg/l (microorganisms) |

Additional ecological information:
General notes:

Danger to drinking water if even extremely small quantities leak into the ground.
 Harmful to aquatic organisms

12.5 Results of PBT and vPvB assessment

PBT: Does not contain PBT substances.

vPvB: Does not contain vPvB substances.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation Dispose of the product in accordance with national and local regulations.

Uncleaned packaging:
Recommendation:

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

Recommended cleaning agent: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

| | |
|---|----------------|
| 14.1 UN-Number ADR, IMDG, IATA | Void |
| 14.2 UN proper shipping name ADR, IMDG, IATA | Void |
| 14.3 Transport hazard class(es) ADR, ADN, IMDG, IATA Class | Void |
| 14.4 Packing group ADR, IMDG, IATA | Void |
| 14.5 Environmental hazards: | Not applicable |
| 14.6 Special precautions for user | Not applicable |

(Contd. on page 13)

Safety data sheet
 in accordance with UK REACH Regulation (EC) No 1907/2006 as amended

Printing date 16.01.2026

Version number 1

Revision: 12.11.2025

Trade name: K Rend Colour Enhance

(Contd. of page 12)

| | |
|--|----------------|
| 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable |
| UN "Model Regulation": | Void |

SECTION 15: Regulatory information

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

Poisons Act

Regulated explosives precursors

None of the ingredients is listed.

Regulated poisons

None of the ingredients is listed.

Reportable explosives precursors

None of the ingredients is listed.

Reportable poisons

| | | |
|----------------|------------------|---------------------------------|
| CAS: 1310-73-2 | sodium hydroxide | 12% of total caustic alkalinity |
|----------------|------------------|---------------------------------|

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

REGULATION (EU) 2017/852 on mercury (Annex I)

None of the ingredients is listed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

- H226 Flammable liquid and vapour.
- H301 Toxic if swallowed.
- H311 Toxic in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H330 Fatal if inhaled.
- H336 May cause drowsiness or dizziness.
- H351 Suspected of causing cancer.
- H360D May damage the unborn child.
- H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.

(Contd. on page 14)

Safety data sheet
in accordance with UK REACH Regulation (EC) No 1907/2006 as amended

Printing date 16.01.2026

Version number 1

Revision: 12.11.2025

Trade name: K Rend Colour Enhance

(Contd. of page 13)

H411 Toxic to aquatic life with long lasting effects.

Department issuing SDS: EHS
Contact:

Kilwaughter SDS

Phone: 028 2826 0766

KilwaughterSDS@saint-gobain.com

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

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

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 (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 2: Acute toxicity – Category 2

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

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

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

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

Carc. 2: Carcinogenicity – Category 2

Repr. 1B: Reproductive toxicity – Category 1B

Repr. 2: Reproductive toxicity – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

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

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