

**Safety data sheet**

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

Printing date 23.05.2024

Version number 2.00 (replaces version 1.00)

Revision: 04.05.2023

**1 Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name:** Ralston Colorant ALK 261 Oxide Green**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**

Restricted to professional users.

Dyestuff/Colouring agent

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

Ralston Colour &amp; Coatings B.V.

part of

Royal Van Wijhe Verf

Russenweg 14

8041 AL ZWOLLE

THE NETHERLANDS

+31(0)38 - 429 1100

msds@ralstoncolour.com

**1.4 Emergency telephone number:**

NVIC

+31(0)88 755 8000

Only for the purpose of informing medical personnel in case of acute intoxications

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

Flam. Liq. 3 H226 Flammable liquid and vapour.

STOT SE 3 H336 May cause drowsiness or dizziness.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

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 CLP regulation.

**Hazard pictograms**

GHS02 GHS07 GHS08

**Signal word** Warning**Hazard-determining components of labelling:**

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

n-butyl acetate

**Hazard statements**

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

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H373 May cause damage to organs through prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P241 Use explosion-proof equipment.
- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Additional information:**

EUH066 Repeated exposure may cause skin dryness or cracking.

EUH208 Contains p-(1,1-dimethylpropyl)phenol. May produce an allergic reaction.

Restricted to professional users.

**2.3 Other hazards**

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Determination of endocrine-disrupting properties**

|         |                              |            |
|---------|------------------------------|------------|
| 80-46-6 | p-(1,1-dimethylpropyl)phenol | List I; II |
|---------|------------------------------|------------|

**3 Composition/information on ingredients**

**3.2 Mixtures**

**Dangerous components:**

|  |  |           |
|--|--|-----------|
| CAS: 1308-38-9<br>EINECS: 215-160-9<br>Reg.nr.: 01-2119433951-39 | dichromium trioxide<br>substance with a Community workplace exposure limit   | >25–≤50%  |
| EC number: 919-857-5<br>Reg.nr.: 01-2119463258-33                | Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2%<br>aromatics<br>Alternative CAS numbers: 64742-47-8, 64742-48-9<br>⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ STOT SE 3, H336, EUH066                                      | >10–≤25%  |
| EC number: 919-446-0<br>Reg.nr.: 01-2119458049-33                | Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics,<br>aromatics (2-25%)<br>Alternative CAS number: 64742-82-1<br>⚠ Flam. Liq. 3, H226; ⚠ STOT RE 1, H372; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ STOT SE 3, H336, EUH066 | >2.5–<10% |

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|  |   |           |
|--|---|-----------|
| CAS: 123-86-4<br>EINECS: 204-658-1<br>Index number: 607-025-00-1<br>Reg.nr.: 01-2119485493-29  | n-butyl acetate<br>Flam. Liq. 3, H226; STOT SE 3, H336, EUH066  | ≥0–≤2.5%  |
| CAS: 1330-20-7<br>EINECS: 215-535-7<br>Index number: 601-022-00-9<br>Reg.nr.: 01-2119488216-32 | xylene<br>Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335<br>Note: C | ≥0–≤2.5%  |
| CAS: 80-46-6<br>EINECS: 201-280-9<br>Reg.nr.: 01-2119971070-46                                 | p-(1,1-dimethylpropyl)phenol<br>Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Chronic 1, H410; Skin Sens. 1, H317  | ≥0.25–<1% |
| <b>SVHC</b>  |   |           |
| 80-46-6  | p-(1,1-dimethylpropyl)phenol  |           |

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

**4 First aid measures**

**4.1 Description of first aid measures**

**General information:**

Take affected persons out into the fresh air.

Keep warm, position comfortably and cover well.

Consult doctor if symptoms persist.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

**After inhalation:**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

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

**After skin contact:**

Immediately remove any clothing soiled by the product.

Immediately rinse with water.

**After eye contact:**

Rinse opened eye for several minutes under running water.

Remove contact lenses, if present and easy to do. Continue rinsing.

**After swallowing:**

If person is conscious, rinse out mouth.

Do not induce vomiting; call for medical help immediately.

**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.

**5 Firefighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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**For safety reasons unsuitable extinguishing agents:** Water with full jet

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

During heating or in case of fire poisonous gases are produced.

### 5.3 Advice for firefighters

#### Protective equipment:

Mouth respiratory protective device.

Wear fully protective suit.

#### Additional information

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

## 6 Accidental release measures

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

Wear protective equipment. Keep unprotected persons away.

Mount respiratory protective device.

### 6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

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

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

Dispose 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.

## 7 Handling and storage

### 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

#### Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Keep respiratory protective device available.

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

**Storage:** Observe instructions for use / storage.

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

**Information about storage in one common storage facility:** Store away from oxidising agents.

#### Further information about storage conditions:

Keep container tightly closed.

Store in a well-ventilated place. Keep cool.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

### 7.3 Specific end use(s)

No further relevant information available.

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### 8 Exposure controls/personal protection

#### 8.1 Control parameters

| Ingredients with limit values that require monitoring at the workplace:        |   |  |
|--|---|--|
| <b>1308-38-9 dichromium trioxide</b>   |   |  |
| IOELV (EU)   | Long-term value: 2 mg/m <sup>3</sup><br>as Cr   |  |
| WGW (Netherlands)  | Short-term value: 1 mg/m <sup>3</sup><br>Long-term value: 0.5 mg/m <sup>3</sup><br>als Cr                                   |  |
| <b>123-86-4 n-butyl acetate</b>  |   |  |
| IOELV (EU)   | Short-term value: 723 mg/m <sup>3</sup> , 150 ppm<br>Long-term value: 241 mg/m <sup>3</sup> , 50 ppm                        |  |
| WGW (Netherlands)  | Short-term value: 723 mg/m <sup>3</sup> , 150 ppm<br>Long-term value: 241 mg/m <sup>3</sup> , 50 ppm                        |  |
| <b>1330-20-7 xylene</b>  |   |  |
| IOELV (EU)   | Short-term value: 442 mg/m <sup>3</sup> , 100 ppm<br>Long-term value: 221 mg/m <sup>3</sup> , 50 ppm<br>Skin                |  |
| WGW (Netherlands)  | Short-term value: 442 mg/m <sup>3</sup> , 100 ppm<br>Long-term value: 210 mg/m <sup>3</sup> , 47.5 ppm<br>technisch mengsel |  |
| <b>DNELs</b>   |   |  |
| <b>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>  |   |  |
| Oral   | DNEL Systemic; Long term  | 125 mg/kg bw/24h (Consumers)   |
| Dermal   | DNEL Systemic; Long term  | 125 mg/kg bw/24h (Consumers)<br>208 mg/kg bw/24h (Workers)           |
| Inhalative   | DNEL Systemic; Long term  | 185 mg/m <sup>3</sup> (Consumers)<br>871 mg/m <sup>3</sup> (Workers) |
| <b>Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)</b> |   |  |
| Oral   | DNEL Systemic; Long term  | 26 mg/kg bw/24h (Consumers)  |
| Dermal   | DNEL Systemic; Long term  | 26 mg/kg bw/24h (Consumers)<br>44 mg/kg bw/24h (Workers)             |
| Inhalative   | DNEL Systemic; Long term  | 71 mg/m <sup>3</sup> (Consumers)<br>330 mg/m <sup>3</sup> (Workers)  |

**Additional information:** The lists valid during the making were used as basis.

#### 8.2 Exposure controls

**Appropriate engineering controls** No further data; see section 7.

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

**General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

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Wash hands before breaks and at the end of work.

Store protective clothing separately.

**Respiratory protection:**

Ensure good ventilation. This can be achieved by using a local exhaustion or general exhaust system. If these measures are insufficient to keep the vapour concentration below the workplace limit, wear an adequate respiratory protective device.

**Hand protection**



Protective gloves

**As protection from splashes gloves made of the following materials are suitable:**

Nitrile rubber, NBR

**Eye/face protection**



Tightly sealed goggles

**9 Physical and chemical properties**

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

**General Information**

|   |   |
|---|---|
| <b>Physical state</b>   | Fluid   |
| <b>Colour:</b>  | Green   |
| <b>Odour:</b>   | Product specific  |
| <b>Odour threshold:</b>   | Not determined.   |
| <b>Melting point/freezing point:</b>                            | Undetermined.   |
| <b>Boiling point or initial boiling point and boiling range</b> | 154–193 °C (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics)  |
| <b>Flammability</b>   | Flammable.  |
| <b>Lower and upper explosion limit</b>                          |   |
| <b>Lower:</b>   | Not determined.   |
| <b>Upper:</b>   | Not determined.   |
| <b>Flash point:</b>   | ~38 °C  |
| <b>Auto-ignition temperature:</b>                               | >200 °C (Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)) |
| <b>Decomposition temperature:</b>                               | Not determined.   |
| <b>pH</b>   | Not determined.   |
| <b>Viscosity:</b>   |   |
| <b>Kinematic viscosity</b>                                      | Not determined.   |
| <b>Dynamic at 20 °C:</b>  | 1,141.3–1,592.43 mPas   |
| <b>Solubility</b>   |   |
| <b>water:</b>   | Not miscible or difficult to mix.   |
| <b>Partition coefficient n-octanol/water (log value)</b>        | Not determined.   |
| <b>Vapour pressure at 20 °C:</b>                                | 2 hPa (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics)       |

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**Density and/or relative density**

**Density at 20 °C:** 1.35–1.43 g/cm<sup>3</sup>  
**Relative density:** Not determined.  
**Vapour density:** Not determined.

**9.2 Other information**

**Appearance:**

**Form:** Pasty

**Important information on protection of health and environment, and on safety.**

**Ignition temperature:** Product is not selfigniting.

**Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

**Solvent content:**

**VOC (EC):** 19.83 %

**Solids content:** 80.7 %

**Change in condition**

**Evaporation rate:** Not determined.

**Information with regard to physical hazard classes**

**Flammable liquids:** Flammable liquid and vapour.

**10 Stability and reactivity**

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

**10.2 Chemical stability:** The product is stable.

**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:** Oxidising substances.

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

**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.

|   |          |                                 |
|---|----------|---------------------------------|
| <b>LD/LC50 values relevant for classification:</b>                            |          |                                 |
| <b>ATE (Acute Toxicity Estimates)</b>   |          |                                 |
| Dermal  | LD50     | >158,831–281,862 mg/kg (rabbit) |
| Inhalative  | LC50/4 h | >874–1,550 mg/l                 |
| <b>1308-38-9 dichromium trioxide</b>  |          |                                 |
| Oral  | LD50     | 10,000 mg/kg (rat)              |
| <b>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b> |          |                                 |
| Oral  | LD50     | >5,000 mg/kg (rat)              |
| Dermal  | LD50     | >5,000 mg/kg (rabbit)           |

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|  |          |                       |
|--|----------|-----------------------|
| Inhalative   | LC50/4 h | >5,000 mg/l (rat)     |
| <b>Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)</b> |          |                       |
| Oral   | LD50     | >15,000 mg/kg (rat)   |
| Dermal   | LD50     | >3,400 mg/kg (rabbit) |
| Inhalative   | LC50/4 h | 13.1 mg/l (rat)       |
| <b>123-86-4 n-butyl acetate</b>  |          |                       |
| Oral   | LD50     | 13,100 mg/kg (rat)    |
| Dermal   | LD50     | >5,000 mg/kg (rabbit) |
| Inhalative   | LC50/4 h | >21 mg/l (rat)        |
| <b>1330-20-7 xylene</b>  |          |                       |
| Oral   | LD50     | 4,300 mg/kg (rat)     |
| Dermal   | LD50     | 2,000 mg/kg (rabbit)  |

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

**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** May cause drowsiness or dizziness.

**STOT-repeated exposure** May cause damage to organs through prolonged or repeated exposure.

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

### 11.2 Information on other hazards

|  |                              |            |
|--|------------------------------|------------|
| <b>Endocrine disrupting properties</b> |                              |            |
| 80-46-6                                | p-(1,1-dimethylpropyl)phenol | List I; II |

## 12 Ecological information

### 12.1 Toxicity

|  |  |
|--|--|
| <b>Aquatic toxicity:</b>   |  |
| <b>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>  |  |
| EL0  | 1,000 mg/l /48h (daphnia)                          |
| EL50   | >1,000 mg/l /72h (Pseudokirchneriella subcapitata) |
|  | 1,000 mg/l /48h (daphnia)                          |
| LL50   | >1,000 mg/l /96h (Oncorhynchus mykiss)             |
| NOELR  | 100 mg/l /72h (Pseudokirchneriella subcapitata)    |
| <b>Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)</b> |  |
| EL50   | 4.6–10 mg/l /72h (Pseudokirchneriella subcapitata) |
|  | 10–22 mg/l /48h (daphnia)                          |
| LL50   | 10–30 mg/l /96h (Oncorhynchus mykiss)              |
| LOEC   | 0.203 mg/l /21d (daphnia)                          |
| NOEC   | 0.097 mg/l /21d (daphnia)                          |

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|       |                     |
|-------|---------------------|
| NOELR | 1 mg/l /72h (algae) |
|-------|---------------------|

**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.

**12.5 Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**12.6 Endocrine disrupting properties**

For information on endocrine disrupting properties see section 11.

**12.7 Other adverse effects**

**Remark:** Harmful to fish

**Additional ecological information:**

**General notes:**

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Harmful to aquatic organisms

**13 Disposal considerations**

**13.1 Waste treatment methods**

**Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

| European waste catalogue |   |
|--------------------------|---|
| HP3                      | Flammable   |
| HP5                      | Specific Target Organ Toxicity (STOT)/Aspiration Toxicity |
| HP14                     | Ecotoxic  |

**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

**14 Transport information**

**14.1 UN number or ID number**

**ADR, IMDG, IATA** UN1263

**14.2 UN proper shipping name**

**ADR** UN1263 PAINT

**IMDG** PAINT

**IATA** Paint

**14.3 Transport hazard class(es)**

**ADR, IMDG, IATA**



**Class** 3 Flammable liquids.

**Label** 3

**14.4 Packing group**

**ADR, IMDG, IATA** III

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**14.5 Environmental hazards:** Not applicable.  
**14.6 Special precautions for user** Warning: Flammable liquids.  
**Hazard identification number (Kemler code):** 30  
**EMS Number:** F-E,S-E  
**Stowage Category** A  
**14.7 Maritime transport in bulk according to IMO instruments** Not applicable.

**Transport/Additional information:**

**ADR**

**Limited quantities (LQ)** 5L  
**Excepted quantities (EQ)** Code: E1  
 Maximum net quantity per inner packaging: 30 ml  
 Maximum net quantity per outer packaging: 1000 ml  
**Transport category** 3  
**Tunnel restriction code** D/E  
**Remarks:** Exempted according to 2.2.3.1.5 (Viscous liquids)

**IMDG**

**Limited quantities (LQ)** 5L  
**Excepted quantities (EQ)** Code: E1  
 Maximum net quantity per inner packaging: 30 ml  
 Maximum net quantity per outer packaging: 1000 ml  
**UN "Model Regulation":** UN 1263 PAINT, 3, III

**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.

**Seveso category** P5c FLAMMABLE LIQUIDS

**Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t

**Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t

**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.

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### National regulations:

### Other regulations, limitations and prohibitive regulations

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

|         |                              |
|---------|------------------------------|
| 80-46-6 | p-(1,1-dimethylpropyl)phenol |
|---------|------------------------------|

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

## 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.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful 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.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
- EUH066 Repeated exposure may cause skin dryness or cracking.

### Classification according to Regulation (EC) No 1272/2008

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

|   |                       |
|---|-----------------------|
| Flammable liquids   | On basis of test data |
| Specific target organ toxicity (single exposure)  | Expert judgement      |
| Specific target organ toxicity (repeated exposure)<br>Hazardous to the aquatic environment - long-term (chronic) aquatic hazard | Calculation method    |

**Version number of previous version:** 1.00

### 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)  
 VOC: Volatile Organic Compounds (USA, EU)  
 DNEL: Derived No-Effect Level (REACH)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 SVHC: Substances of Very High Concern

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## Safety data sheet

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

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Revision: 04.05.2023

**Trade name:** Ralston Colorant ALK 261 Oxide Green

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vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

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

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

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

Asp. Tox. 1: Aspiration 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