

**Safety data sheet**

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

Printing date 16.12.2025

Version number 1.00

Revision: 25.10.2023

**1 Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name:** Ralston Colorant AQ 800 White**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**

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

**Hazard statements**

H317 May cause an allergic skin reaction.

**Precautionary statements**

P262 Do not get in eyes, on skin, or on clothing.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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

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

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P362+P364 Take off contaminated clothing and wash it before reuse.

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

**Additional information:**

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

**2.3 Other hazards**
**Results of PBT and vPvB assessment**
**PBT:** Not applicable.

**vPvB:** Not applicable.

### 3 Composition/information on ingredients

**3.2 Mixtures**

| <b>Dangerous components:</b>                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |
|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| CAS: 9004-98-2                                                                                  | Polyethylene glycol monooleyl ether<br> Aquatic Acute 1, H400;  Skin Irrit. 2, H315                                                                                                                                                                                                                                                                                                                                                                                                                       | ≥2.5–<10%       |
| CAS: 77-99-6<br>EINECS: 201-074-9<br>Reg.nr.: 01-2119486799-10                                  | propylidynetrimethanol<br> Repr. 2, H361fd                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ≥0–≤2.5%        |
| CAS: 55406-53-6<br>EINECS: 259-627-5<br>Index number: 616-212-00-7<br>Reg.nr.: 01-2120762115-60 | 3-Iodo-2-propynylbutylcarbamate<br> Acute Tox. 3, H331;  STOT RE 1, H372;  Eye Dam. 1, H318;  Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1);  Acute Tox. 4, H302; Skin Sens. 1, H317                                           | ≥0.025–<0.1%    |
| CAS: 2634-33-5<br>EINECS: 220-120-9<br>Index number: 613-088-00-6<br>Reg.nr.: 01-2120761540-60  | 1,2-benzisothiazol-3(2H)-one<br> Acute Tox. 2, H330;  Eye Dam. 1, H318;<br> Aquatic Acute 1, H400; Aquatic Chronic 1, H410;<br> Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1A, H317<br>ATE: LD50 oral: 450 mg/kg<br>LC50/4 h inhalative: 0.21 mg/l<br>Specific concentration limit:<br>Skin Sens. 1A; H317: C ≥0.036 % | <0.025%         |
| CAS: 2682-20-4<br>EINECS: 220-239-6<br>Index number: 613-326-00-9<br>Reg.nr.: 01-2120764690-50  | 2-methyl-2H-isothiazol-3-one<br> 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, EUH071<br>Specific concentration limit:<br>Skin Sens. 1A; H317: C ≥0.0015 %                            | ≥0.0015–<0.025% |

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

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### 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.

##### 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 remove any clothing soiled by the product.

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

##### 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:

Use fire extinguishing methods suitable to surrounding conditions.

CO<sub>2</sub>, 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.

#### 5.3 Advice for firefighters

**Protective equipment:** 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

Ensure adequate ventilation

**For non-emergency personnel** Keep people at a distance and stay on the windward side.

#### 6.2 Environmental precautions:

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

#### 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.

#### 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

### 7 Handling and storage

#### 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Wash hands thoroughly after handling.

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

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

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

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

**Requirements to be met by storerooms and receptacles:** Store in a well-ventilated place. Keep cool.

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

**Further information about storage conditions:** Keep container tightly closed.

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

### 8 Exposure controls/personal protection

#### 8.1 Control parameters

**Ingredients with limit values that require monitoring at the workplace:**

**77-99-6 propylidynetrimethanol**

WGW (Netherland) Long-term value: 5 mg/m<sup>3</sup>

#### DNELs

**77-99-6 propylidynetrimethanol**

|            |                          |                                                                       |
|------------|--------------------------|-----------------------------------------------------------------------|
| Oral       | DNEL Systemic; Long term | 0.34 mg/kg bw/24h (Consumers)                                         |
| Dermal     | DNEL Systemic; Long term | 0.34 mg/kg bw/24h (Consumers)<br>0.94 mg/kg bw/24h (Workers)          |
| Inhalative | DNEL Systemic; Long term | 0.58 mg/m <sup>3</sup> (Consumers)<br>3.3 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:**

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

**Respiratory protection:** Use suitable respiratory protective device in case of insufficient ventilation.

**Hand protection**



Protective gloves

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

Nitrile rubber, NBR

**Eye/face protection** Goggles recommended during refilling

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### 9 Physical and chemical properties

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

##### General Information

|                                                                 |                                                                        |
|-----------------------------------------------------------------|------------------------------------------------------------------------|
| <b>Physical state</b>                                           | Liquid                                                                 |
| <b>Colour:</b>                                                  | White                                                                  |
| <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> | 100 °C (7732-18-5 water, distilled, conductivity or of similar purity) |
| <b>Flammability</b>                                             | Not applicable.                                                        |
| <b>Lower and upper explosion limit</b>                          |                                                                        |
| <b>Lower:</b>                                                   | Not determined.                                                        |
| <b>Upper:</b>                                                   | Not determined.                                                        |
| <b>Flash point:</b>                                             | Not applicable.                                                        |
| <b>Decomposition temperature:</b>                               | Not determined.                                                        |
| <b>pH at 20 °C</b>                                              | 7–9                                                                    |
| <b>Viscosity:</b>                                               |                                                                        |
| <b>Kinematic viscosity</b>                                      | Not determined.                                                        |
| <b>Dynamic at 20 °C:</b>                                        | 1,141.3–1,897.64 mPas                                                  |
| <b>Solubility</b>                                               |                                                                        |
| <b>water:</b>                                                   | Fully miscible.                                                        |
| <b>Partition coefficient n-octanol/water (log value)</b>        | Not determined.                                                        |
| <b>Vapour pressure at 20 °C:</b>                                | 23 hPa (7732-18-5 water, distilled, conductivity or of similar purity) |
| <b>Density and/or relative density</b>                          |                                                                        |
| <b>Density at 20 °C:</b>                                        | 1.96–2.08 g/cm <sup>3</sup>                                            |
| <b>Relative density</b>                                         | Not determined.                                                        |
| <b>Vapour density</b>                                           | Not determined.                                                        |

#### 9.2 Other information

##### Appearance:

**Form:** Pasty

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

|                              |                                               |
|------------------------------|-----------------------------------------------|
| <b>Ignition temperature:</b> | Product is not selfigniting.                  |
| <b>Explosive properties:</b> | Product does not present an explosion hazard. |
| <b>Solvent content:</b>      |                                               |
| <b>VOC (EC)</b>              | 10.28 %                                       |
| <b>Solids content:</b>       | 69.6 %                                        |
| <b>Change in condition</b>   |                                               |
| <b>Evaporation rate</b>      | Not determined.                               |

### 10 Stability and reactivity

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

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**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:** No further relevant information available.

**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.

**LD/LC50 values relevant for classification:**

**9004-98-2 Polyethylene glycol monooleyl ether**

|      |      |                   |
|------|------|-------------------|
| Oral | LD50 | 2,700 mg/kg (rat) |
|------|------|-------------------|

**77-99-6 propylidynetrimethanol**

|      |      |                    |
|------|------|--------------------|
| Oral | LD50 | 14,100 mg/kg (rat) |
|------|------|--------------------|

**55406-53-6 3-Iodo-2-propynylbutylcarbamate**

|      |      |                   |
|------|------|-------------------|
| Oral | LD50 | 1,470 mg/kg (rat) |
|------|------|-------------------|

|        |      |                    |
|--------|------|--------------------|
| Dermal | LD50 | >2,000 mg/kg (rat) |
|--------|------|--------------------|

|            |          |                  |
|------------|----------|------------------|
| Inhalative | LC50/4 h | >6.89 mg/l (rat) |
|------------|----------|------------------|

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

|      |      |                 |
|------|------|-----------------|
| Oral | LD50 | 450 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.

**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.

**77-99-6 propylidynetrimethanol**

|                                         |       |
|-----------------------------------------|-------|
| Developmental and reproductive toxicity | (rat) |
|-----------------------------------------|-------|

Some evidence of adverse effects on sexual function and fertility, and/or on development, based on animal experiments., Suspected of damaging fertility. Suspected of damaging the unborn child.

**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**

**Endocrine disrupting properties**

None of the ingredients is listed.

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### 12 Ecological information

#### 12.1 Toxicity

##### Aquatic toxicity:

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

|       |                                                    |
|-------|----------------------------------------------------|
| EC50  | 2.9 mg/l /48h (daphnia)                            |
| ErC50 | 0.11 mg/l /72h (Pseudokirchneriella subcapitata)   |
| LC50  | 2.15 mg/l /96h (Oncorhynchus mykiss)               |
| NOEC  | 0.0403 mg/l /72h (Pseudokirchneriella subcapitata) |

**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

The product does not contain substances with endocrine disrupting properties.

#### 12.7 Other adverse effects

##### 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.

### 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.

##### Uncleaned packaging:

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

**Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### 14 Transport information

#### 14.1 UN number or ID number

**ADR, IMDG, IATA** Not regulated.

#### 14.2 UN proper shipping name

**ADR, IMDG, IATA** Not regulated.

#### 14.3 Transport hazard class(es)

**ADR, ADN, IMDG, IATA**

**Class** Not regulated.

#### 14.4 Packing group

**ADR, IMDG, IATA** Not regulated.

**14.5 Environmental hazards:** Not applicable.

**14.6 Special precautions for user** Not applicable.

#### 14.7 Maritime transport in bulk according to

**IMO instruments** Not applicable.

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**UN "Model Regulation":**

Not regulated.

### 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

**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.

**REGULATION (EU) 2024/590 on substances that deplete the ozone layer**

**Other regulations, limitations and prohibitive regulations**

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

The product does not contain SVHC  $\geq 0.1\%$

**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

- H301 Toxic if swallowed.
- H302 Harmful if swallowed.
- 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.
- H330 Fatal if inhaled.
- H331 Toxic if inhaled.
- H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.
- H372 Causes damage to organs through prolonged or repeated exposure.

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H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

EUH071 Corrosive to the respiratory tract.

**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.

|                    |                    |
|--------------------|--------------------|
| Skin sensitisation | Calculation method |
|--------------------|--------------------|

**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

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 2: Acute toxicity – Category 2

Acute Tox. 3: Acute toxicity – Category 3

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

Repr. 2: Reproductive toxicity – Category 2

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

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