

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



**Trade name :** Ralston UNI Plus 173 Oxide Orange  
**Revision date :** 16-04-2020  
**Print date :** 16-04-2020

**Version (Revision) :** 3.0.0 (2.0.0)

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

### 1.1 Product identifier

Ralston UNI Plus 173 Oxide Orange

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant Identified use: Paints and lacquers, for further details check Product Data Sheet/ Label. Uses advised against: On substrates not mentioned in the Product Data Sheet/ Label.

### 1.3 Details of the supplier of the safety data sheet

#### Supplier (manufacturer/importer/only representative/downstream user/distributor)

Ralston Colour & Coatings B.V.  
part of Royal Van Wijnhe Verf

**Street :** Russenweg 14

**Postal code/city :** 8041 AL ZWOLLE

**Telephone :** +31 (0)38-4291100

**Telefax :** +31 (0)38-4210414

**Contact :** MSDS@ralstoncolour.com

### 1.4 Emergency telephone number

+31 (0)38-4291100(During office hours)

## SECTION 2: Hazards identification

This mixture is not classified as dangerous according to Regulation (EC) 1272/2008.

### 2.1 Classification of the substance or mixture

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

Skin Sens. 1 ; H317 - Skin sensitisation : Category 1 ; May cause an allergic skin reaction.

### 2.2 Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

##### Hazard pictograms



Exclamation mark (GHS07)

##### Signal word

Warning

##### Hazard components for labelling

2-METHYL-2H-ISOTHIAZOL-3-ONE ; CAS No. : 2682-20-4

1,2-BENZISOTHIAZOL-3(2H)-ONE ; CAS No. : 2634-33-5

##### Hazard statements

H317 May cause an allergic skin reaction.

##### Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

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

P501 Dispose of contents/ container according to national/ international regulations.

### 2.3 Other hazards

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None

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Substances presenting a health or environmental hazard within the meaning of Regulation (EC) No. 1272/2008, assigned a Community workplace exposure limit, classified as PBT/vPvB or included in the Candidate List.

#### Hazardous ingredients

2-METHYL-2H-ISOTHIAZOL-3-ONE ; EC No. : 220-239-6; CAS No. : 2682-20-4

Weight fraction :  $\geq 0,0015 - < 0,25 \%$

Classification 1272/2008 [CLP] : Acute Tox. 3 ; H301 Acute Tox. 3 ; H331 Skin Corr. 1B ; H314 Eye Dam. 1 ; H318 Skin Sens. 1 ; H317 STOT SE 3 ; H335 Aquatic Acute 1 ; H400

1,2-BENZISOTHIAZOL-3(2H)-ONE ; EC No. : 220-120-9; CAS No. : 2634-33-5

Weight fraction :  $\geq 0,005 - < 0,05 \%$

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Skin Irrit. 2 ; H315 Skin Sens. 1 ; H317 Aquatic Acute 1 ; H400

#### Additional information

Full text of H- and EUH-phrases: see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person or a person with cramps. If unconscious place in recovery position and seek medical advice.

#### Following inhalation

Remove casualty to fresh air and keep warm and at rest. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

#### In case of skin contact

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Do NOT use solvents or thinners.

#### After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

#### After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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

No information available.

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

None

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

alcohol resistant foam Carbon dioxide (CO<sub>2</sub>) Extinguishing powder Water mist

#### Unsuitable extinguishing media

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Full water jet

## 5.2 Special hazards arising from the substance or mixture

Burning produces heavy smoke. Exposure to decomposition products may cause a health hazard. Use suitable breathing apparatus.

## 5.3 Advice for firefighters

Cool closed containers exposed to fire with water. Do not allow run-off from fire-fighting to enter drains or water courses.

## SECTION 6: Accidental release measures

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

Avoid breathing vapours. See protective measures under point 7 and 8.

### 6.2 Environmental precautions

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean with detergents. Avoid solvent cleaners.

### 6.4 Reference to other sections

None

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Protective measures

##### Measures to prevent fire

Never use pressure to empty container.

##### Environmental precautions

Do not allow to enter drains or water courses.

#### Advices on general occupational hygiene

Avoid skin and eye contact. Avoid inhalation of vapour and spray mist. When using do not eat, drink, smoke, sniff. Wear personal protection equipment (refer to section 8).

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

#### Packaging materials

Always keep in containers of same material as the original one. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

### 7.3 Specific end use(s)

None

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

None

### 8.2 Exposure controls

#### Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

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## Personal protection equipment

### Eye/face protection

Use safety eyewear designed to protect against splash of liquids.

### Skin protection

Personnel should wear anti-static clothing made of natural fibre or of high temperature resistant synthetic fibre.

### Hand protection

Use chemical-resistant gloves (according to EN 374).

**By short-term hand contact** : For short-term contact use gloves with adequate chemical protection, thickness  $\geq 0.2$  mm, performance level  $\geq 1$  (breakthrough time  $\geq 10$  minutes).

**By long-term hand contact** : For prolonged and repeated contact use gloves with adequate chemical protection, thickness 0.4 mm, performance level 6 (breakthrough time  $\geq 480$  minutes).

**Suitable material** : NBR (Nitrile rubber)

**Additional hand protection measures** : Always ensure that gloves are free from defects and that they are stored and used correctly. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred. After contact with skin, wash immediately with plenty of water and soap.

### Respiratory protection

If workers are exposed to dust/ fumes/ aerosols in concentrations above the exposure limit, they must use appropriate, certified respirators (NEN-EN 140:1998/C1:2000, CE-marking) or independent breathing protection. The respiratory protection filter class must be at least suitable for the maximum concentration of the contamination (gas / vapor / dust particles) that may arise during use. We recommend using an AX filter according to EN 371 or EN14387. Always read the manufacturer's instructions before use. Pay attention to the wearing time limit of the respiratory mask! In case of exceedance of the specified maximum concentration, a compressed air mask must be used.

## Environmental exposure controls

Do not allow to enter drains or water courses.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Safety characteristics

Physical state :				Liquid	
Odeur:				Typical paint odour.	
Odeur threshold:				Unknown	
pH :				7,5 - 8,5	
Melting point/freezing point :				No data available	
Initial boiling point and boiling range :	( 1013 hPa )			not determined	
Lower explosion limit :				0,6	Vol-%
Upper explosion limit :				No data available	
Vapour pressure :	( 50 °C / 122 °F )	<		3	hPa
Vapour density:				No data available	
Density :	( 20 °C / 68 °F )	approx.		1,62	g/cm <sup>3</sup>
Solvent separation test :	( 20 °C / 68 °F )			No data available	
Auto-ignition temperature :				No data available	
Decomposition temperature :				No data available	
Viscositeit KU :	( 20 °C / 68 °F )			No data available	
Flow time :	( 20 °C / 68 °F )	>		90	s
Evaporation rate (n-butylacetate = 1):				No data available	DIN 53170
Flash point :		>		100	°C
Flammability:				Technically impossible.	
Explosive properties:				None	
Solubility:				No data available	

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**Oxidising properties:** None

## 9.2 Other information

None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

Stable under recommended storage and handling conditions (see section 7).

### 10.3 Possibility of hazardous reactions

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

### 10.4 Conditions to avoid

When exposed to high temperatures may produce hazardous decomposition products.

### 10.5 Incompatible materials

No information available.

### 10.6 Hazardous decomposition products

Carbon dioxide. Carbon monoxide Nitrogen oxides (NOx).

## SECTION 11: Toxicological information

There are no data available on the mixture itself. This mixture is not classified as dangerous according to Regulation (EC) 1272/2008.

### 11.1 Information on toxicological effects

Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. The liquid splashed in the eyes may cause irritation and reversible damage. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

## SECTION 12: Ecological information

There are no data available on the mixture itself. Do not allow to enter drains or water courses.

### 12.1 Toxicity

No information available.

### 12.2 Persistence and degradability

No information available.

### 12.3 Bioaccumulative potential

No information available.

### 12.4 Mobility in soil

No information available.

### 12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6 Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

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Do not allow to enter drains or water courses. Wastes and emptied containers should be classified in accordance with local/regional/national/international regulations.

### 13.2 Additional information

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

## SECTION 14: Transport information

### 14.1 UN number

No dangerous good in sense of these transport regulations.

### 14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

### 14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

### 14.4 Packing group

No dangerous good in sense of these transport regulations.

### 14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

### 14.6 Special precautions for user

None

## SECTION 15: Regulatory information

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

#### EU legislation

##### Authorisations and/or restrictions on use

##### Restrictions on use

Use restriction according to REACH annex XVII, no. : 3

### 15.2 Chemical safety assessment

Chemical safety assessments for substances in this preparation were not carried out.

## SECTION 16: Other information

### 16.1 Indication of changes

02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] - Hazard components for labelling · 02. Special rules for supplemental label elements for certain mixtures

### 16.2 Abbreviations and acronyms

ADR = European Agreement concerning the International Carriage of Dangerous Goods by Road  
ASTM = American Society of Testing and Materials (US)  
CAS No = Chemical Abstracts Service Number (see ACS - American Chemical Society)  
DNEL = Derived No-Effect Level  
DT50 = Time for 50% loss; half-life  
EbC50 = Median effective concentration (biomass, e.g. of algae)  
EC50 = Median effective concentration  
EINECS = European Inventory of Existing Commercial Chemical Substances  
ELINCS = European List of Notified (New) Chemicals (see Tab 7, Background - Guide)  
ErC50 = Median effective concentration (growth rate, e.g. of algae)  
EWC = European Waste Catalogue

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IATA = International Air Transport Association  
IC50 = Concentration that produces 50% inhibition  
IMDG = International Maritime Dangerous Goods Code  
IMO = International Maritime Organization  
LC50 = Concentration required to kill 50% of test organisms  
LD50 = Dose required to kill 50% of test organisms  
LEL = Lower Explosive Limit/Lower Explosion Limit  
LOAEL = Lowest observed adverse effect level  
MRL = Maximum Residue Limit  
NOAEL = No Observed Adverse Effect Level  
NOEC = No observed effect concentration  
NOEL = No Observable Effect Level  
OEL = Occupational Exposure Limits  
PBT = Persistent, Bioaccumulative or Toxic  
PNEC = Previsible Non Effect Concentration  
STEL = Short-Term Exposure Limit  
TWA = Time-Weighted Average  
vPvB = Very Persistent and Very Bioaccumulative

### 16.3 Key literature references and sources for data

None

### 16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

No information available.

### 16.5 Relevant H- and EUH-phrases (Number and full text)

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.

### 16.6 Training advice

None

### 16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.