

**Product datasheet**

<b>Article No.</b>	<b>9509842498170 Neon Red Candle Dye (455)</b>
<b>Identification of the substance or preparation</b>	<b>Colour for candles</b>
<b>General use</b>	<b>Coloration of hydrocarbons, waxes, oils and fats</b>
<b>Form</b>	<b>solid</b>
<b>Colour</b>	<b>red</b>
<b>Odour</b>	<b>characteristic</b>
<b>Density</b>	<b>---</b>
<b>Melting point/freezing point of</b>	<b>&gt; 60 °C</b>
<b>Flash point/flash point range: of</b>	<b>&gt; 150 °C</b>
<b>Recommended processing temperature</b>	<b>80 °C - 90°C, lower processing temperatures are feasible. Generally, lower processing temperatures require longer mixing times. Check complete solubility/ dispersion before production start.</b>
<b>Solubility</b>	<b>Insoluble in water/ soluble resp. dispersible in wax, oil or hydrocarbons.</b>
<b>Storage</b>	<b>Store cool, dry and in darkness. Keep original packaging sealed when not in use.</b>
<b>Packaging</b>	<b>PE-bags (max. 10kg net) packed in cardboard boxes (on pallets or as single packages).</b>
<b>Safety and Security</b>	<b>The product should be handled with care. In order to avoid damages and accidents it is recommended to wear personal protection equipment (safety glasses and gloves) when working with the product. For further information please consult the material safety datasheet.</b>
<b>Version : 11 / 16.04.21</b>	<b>Print date: 22.10.24</b>

Given the diversity of possible influences during processing and application of the products, the information provided in this communication does not release the user from performing his own tests and inspections. It is our sole responsibility that the products described herein are suitable and the product information sufficient for the intended application. Whilst reasonable care has been taken to ensure the accuracy of the information herein, no warranty or representation is given. Any application proposals do not imply any representation about the suitability for the recommended purpose. The compliance with legal regulations and obtaining official approval for the intended purpose are within your area of responsibility as well as the consideration of any third-party rights.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

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

### 1.1 Product identifier

Item number/ Trade name **9509842498170 Neon Red Candle Dye (455)**

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

General use **Coloration of hydrocarbons, waxes, oils and fats**

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

Company/undertaking identification

Name **YouWish**  
Street/POB-No.: 1 **Transistorstraat 91-021, 322CL, Almere,**  
Country **The Netherlands**  
Phone # **+31 36 203638**  
E-mail **contact@youwish.nl**  
Website **www.youwish.nl**

### 1.4 Emergency telephone number

Name **YouWish**  
Phone # **+31 36 2036385**

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### **Classification according to EC regulation 1272/2008 (CLP)**

**Eye Irrit. 2; H319 Causes serious eye irritation.**

### 2.2 Label elements

**Signal word** **Warning**

**Nature of Hazard** **GHS07 Exclamation mark**

**Hazard statements** **H319 Causes serious eye irritation.**

**Safety precautions** **P264 Wash affected areas thoroughly after handling.**  
**P280 Wear protective gloves/protective clothing/eye protection/face protection.**  
**P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**  
**P337+P313 If eye irritation persists: Get medical advice/attention.**

**Hazard components for labelling**  
**Basic red 1:1 - Kationischer Farbstoff - Basic Violet 11:1 - Kationischer Farbstoff**

**Special provisions concerning the labelling of certain mixtures**  
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### 2.3 Other hazards

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## SECTION 3: Composition/information on ingredients

### 3.1 Substances

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Mixture of waxes, colouring agents and additives

## **3.2 Mixtures**

### **Hazardous ingredients**

Paraffin waxes and Hydrocarbon waxes: 50 % - 74,99 %

CAS-Number: 8002-74-2

EINECS / ELINCS / NLP: 232-315-6

Classification:

JST 15 Red - Inhaltsstoff: Melaminharz + Fluoreszierendes Pigment: 10 % - 24,99 %

CAS-Number: 39277-28-6

Classification:

JST 18 Magenta - Inhaltsstoff: Melaminharz + Fluoreszierendes Pigment: 10 % - 24,99 %

CAS-Number: 39277-28-6

Classification:

2,5-Furandione, dihydro-, mono-C30-53-2-alkenyl derivs.: 10 % - 24,99 %

CAS-Number: 70983-55-0

EINECS / ELINCS / NLP: 275-089-4

Classification:

Basic Violet 11:1 - Kationischer Farbstoff: 1 % - 2,49 %

CAS-Number: 73398-89-7

EINECS / ELINCS / NLP: 277-459-0

Classification:

Basic red 1:1 - Kationischer Farbstoff: 0,1 % - 0,99 %

CAS-Number: 3068-39-1

EINECS / ELINCS / NLP: 221-326-1

Classification:

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

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General information	If you feel unwell, seek medical advice.
In case of inhalation	Move victim to fresh air. Seek medical aid in case of troubles.
In case of skin contact	Thoroughly wash skin with soap and water.
After eye contact	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Seek medical attention if irritation persists.
After swallowing	Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. Seek medical treatment in case of troubles.

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

Symptoms	No data available
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### 4.3 Indication of any immediate medical attention and special treatment needed

Information to physician	No data available
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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media	Carbon dioxide , water spray jet , extinguishing powder , foam.
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Extinguishing media which must not be used for safety reasons	Full water jet
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### 5.2 Special hazards arising from the substance or mixture

Possible combustion products	Nitrogen oxides (NOx), carbon monoxide and carbon dioxide
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### 5.3 Advice for firefighters

Special protective equipment for firefighters	Wear self-contained breathing apparatus.
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Additional information	Do not allow water used to extinguish fire to enter drains, ground or waterways. Do not allow fire water to penetrate into surface or ground water. You have to dispose of contaminated extinguishing water according to the regulations of the authorities.
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## SECTION 6: Accidental release measures

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

Avoid dust formation. Do not breathe dust. With the formation of dust, use a dust mask. Keep away from sources of ignition - No smoking. Avoid contact with skin, eyes, and clothing.

### 6.2 environmental precautions

Do not allow to enter into ground-water, surface water or drains. Discharge into the environment must be avoided.

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

Take up spilled product with dustpan and brush. Avoid causing any dust. Industrial vacuum cleaner recommended to avoid causing dust. Clean soiled areas with a conventional household cleaner.

### 6.4 Reference to other sections

Personal protection equipment: see section 8, Disposal: see section 13

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advices on safe handling

Avoid contact with eyes and skin. When using do not eat, drink, smoke, sniff. Make sure there is sufficient air exchange and / or that working rooms are air suctioned. Avoid dust formation.

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

Requirements for storerooms and containers

Keep away from sources of ignition and heat. Store in a cool dry place. Store in a well-ventilated place. Keep container tightly closed. Protect from direct sunlight.

Storage class

11

### 7.3 Specific end use(s)

General use

Coloration of hydrocarbons, waxes, oils and fats

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Exposure limit values: components

#### Paraffin waxes and Hydrocarbon waxes

State	Type	Value	Unit	Text
AUS	TWA	2,00	mg/m <sup>3</sup>	-
BEL	TWA	2,00	mg/m <sup>3</sup>	-
CAN	TWA	2,00	mg/m <sup>3</sup>	Ontario/ Quebec
CHE	TWA	2,00	mg/m <sup>3</sup>	-
CHN	TWA	2,00	mg/m <sup>3</sup>	-
CHN	ST = short-term exposure limit (STEL)	4,00	mg/m <sup>3</sup>	-
DNK	TWA	2,00	mg/m <sup>3</sup>	-
DNK	ST = short-term exposure limit (STEL)	4,00	mg/m <sup>3</sup>	-
ESP	TWA	2,00	mg/m <sup>3</sup>	-
FIN	TWA	1,00	mg/m <sup>3</sup>	-
FRA	TWA	2,00	mg/m <sup>3</sup>	-
GBR	TWA	2,00	mg/m <sup>3</sup>	-
GBR	ST = short-term exposure limit (STEL)	6,00	mg/m <sup>3</sup>	-
IRL	TWA	2,00	mg/m <sup>3</sup>	-
IRL	ST = short-term exposure limit (STEL)	6,00	mg/m <sup>3</sup>	-
KOR	TWA	2,00	mg/m <sup>3</sup>	-
NOR	TWA	2,00	mg/m <sup>3</sup>	-
NZL	TWA	2,00	mg/m <sup>3</sup>	-
POL	TWA	2,00	mg/m <sup>3</sup>	-
ROU	TWA	2,00	mg/m <sup>3</sup>	-
ROU	ST = short-term exposure limit (STEL)	6,00	mg/m <sup>3</sup>	-
SGP	TWA	2,00	mg/m <sup>3</sup>	-
USA	NIOSH REL	2,00	mg/m <sup>3</sup>	NIOSH

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## 8.2 Exposure controls

Respiratory protection	With correct and proper use, and under normal conditions, breathing protection is not required. Provide good ventilation and/or an exhaust system in the work area. Wear a dust mask, in case of excessive dust.
Hand protection	Wear suitable gloves.- according to DIN-/EN-Norms EN 420, EN 388 and EN 374 Part 1,3
Eye protection	Goggles according to EN 166.
Body protection	Wear suitable protective clothing and shoes.
General protection and hygiene measures	Keep away from food and drinks. When using do not eat, drink or smoke. Wash hands before breaks and after work. Wash contaminated clothing prior to re-use.

## SECTION 9: Physical and chemical properties

### 9.1 information on basic physical and chemical properties

Form	solid
Colour	red
Odour	characteristic

Important health, safety and environmental information

	<b>min</b>	<b>max</b>		
Melting point/freezing point	> 60 °C	---		
Initial boiling point and boiling range	> 130 °C	130 °C		
Flammability			---	
Explosion limits	---	---		
Flash point/flash point range	> 150 °C	150 °C		
Ignition temperature	---	---		
PH	---	---	---	---
Viscosity	0 mPa.s 0 m=/s	0 mPa.s 0 m=/s	---	---
Solubility	---		---	---
Partition coefficient: n-octanol/water	---			---
Vapour pressure	---	---	---	---
Density and/or relative density	---	---	---	---
Relative vapour density	---	---		---
Bulk density	---	---	---	
Flow time 4mm (DIN)	---			
Water solubility	Product is difficult to dissolve in water.			

### 9.2 Other information

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## SECTION 10: Stability and reactivity

- 10.1 Reactivity** Non-reactive
- 10.2 Chemical stability** Product is stable under normal storage conditions.
- 10.3 Possibility of hazardous reactions** No data available
- 10.4 Conditions to avoid** Avoid dust formation. Avoid dust deposits. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.
- 10.5 Incompatible materials** strong acids and bases, strong oxidizing agents
- 10.6 Hazardous decomposition products** Hazardous vapours may form during fires. In case of fire may be liberated: Nitrogen oxides (NOx), carbon monoxide and carbon dioxide

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### General remarks

No toxicological tests were conducted with the mixture.

### 11.2 Information on other hazards

Endocrine disrupting properties No data available  
Further details No data available

## SECTION 12: Ecological information

### 12.1 Toxicity

Aquatic toxicity No data available

### 12.2 Persistence and degradability

Evaluation text No data available  
Degree of elimination No data available  
Analytical method No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

No data available

### 12.6 Endocrine disrupting properties

No data available

### 12.7 Other adverse effects

The ecotoxicological properties of this mixture are determined by the ecotoxicological properties of the single components (see section 3).

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

<b>Product</b>	
Recommendation	Dispose of waste according to applicable legislation. Discharge into the environment must be avoided.
<b>Package</b>	
Recommendation	Dispose of waste according to applicable legislation. Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

## SECTION 14: Transport information

### 14.1 UN number

ADR, IATA, IMDG not regulated

### 14.2 UN proper shipping name

Product designation: ADR/RID ---  
Proper shipping name: IATA-DGR ---  
Proper shipping name: IMDG ---

### 14.3 Transport hazard class(es)

Class ADR/RID ---  
Classification code ADR/RID ---  
Class IATA-DGR ---  
Subrisk IATA-DGR ---  
Class IMDG ---  
Subrisk IMDG ---

### 14.4 Packing group

ADR, IATA, IMDG No packaging for dangerous goods required

### 14.5 Environmental hazards

Marine Pollutant - IMDG ---  
EmS ---  
Stowage and segregation ---

### 14.6 Special precautions for user

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### 14.7 Maritime transport in bulk according to IMO instruments

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### Additional information

EQ ---  
Limited quantities ---  
Special Provisions ---  
Tunnel restriction ---  
Transport category ---  
Kemmler-number ---

No dangerous good in sense of these transport regulations.



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## **SECTION 15: Regulatory information**

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

#### **National regulations**

##### **Europe**

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##### **Germany**

Storage class	11
Water Hazard Class	1
Incident regulation	---
Information on working limitations	No special measures are required.

### **15.2 Chemical Safety Assessment**

Chemical Safety Assessment                      No substance safety evaluation was conducted with the mixture/ substance.

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## SECTION 16: Other information

### Hazard statements (CLP)

- H318 Causes serious eye damage.
- H332 Harmful if inhaled.
- H412 Harmful to aquatic life with long lasting effects.
- H302 Harmful if swallowed.
- H411 Toxic to aquatic life with long lasting effects.
- H319 Causes serious eye irritation.

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Reason of change                              General revision

### Abbreviations

- no data, not determined or not applicable
- REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (Regulation (EC) No. 1907/2006)
- OECD Organisation for Economic Co-operation and Development
- LD50 Median lethal dose
- LC50 Median lethal concentration
- EC50 Median effective dose
- IC50 Median inhibitory concentration
- VCI Verband der chemischen Industrie
- CAS Chemical Abstract Service
- EINECS European Inventory of Existing Commercial Chemical Substances
- ELINCS European List of Notified Chemical Substances
- NLP No Longer Polymers
- CLP Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging
- EG European Union
- WGK water hazard class (according to AwSV, Appendix 1 (5.2))
- AGW Occupational Exposure Limit
- ADR Accord Européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- RID Règlement concernant le transport international ferroviaire des marchandises dangereuses (Regulation on the international carriage of dangerous goods by rail)
- IATA International Air Transport Association
- IMDG International Maritime Dangerous Goods
- MARPOL International Convention for the Prevention of Pollution From Ships (MARine POLLution)
- EmS Emergency Schedules
- PBT persistent, bioaccumulative and toxic
- vPvB very persistent and very bioaccumulative

## Certificate of Analysis

Date 17.10.24

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### Product **9509842498170 Neon Red Candle Dye (455)**

Batch -48905 SG  
Quantity 3,000 kg  
Order No. 151216  
Delivery note 88334  
PO No. E-Mail 28.02.22

Analysis: 38107 Inspection criterion	Test	Specification		Result
		min	max	
Delta E CMC (1:1)	TA - 9.1 - 001		1,000	0,880
Delta L	TA - 9.1 - 001		report only	-0,440
Delta a	TA - 9.1 - 001		report only	1,400
Delta b	TA - 9.1 - 001		report only	-0,090
optical assessment	TA - 9.1 - 045		report only	Pass

The analytical results above refer to the given batch. The analysis which were carried out certify the conformity with the product specifications, but they do not guarantee the applicability for every application.

The certificate of Analysis does not release the downstream user of the product from its liability for incoming goods inspection.

This certificate has been electronically generated and is therefore not signed.