

Certificate of Analysis

Date 15.10.24
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Product **9501627766689 Turquoise Candle Dye**

Batch 74134
Quantity 3,000 kg
Order No. 162550
Delivery note 95096
PO No. E-Mail vom 11.03.2024

Analysis: 68355 Inspection criterion	Test	Specification		Result
		min	max	
Delta E CMC (1:1)	TA - 9.1 - 001		1,000	0,540
Delta L	TA - 9.1 - 001	report only		0,180
Delta a	TA - 9.1 - 001	report only		0,680
Delta b	TA - 9.1 - 001	report only		-0,340
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.

Product datasheet

Article No.	9501627766689
Identification of the substance or preparation	Colour for candles
General use	Coloration of hydrocarbons, waxes, oils and fats
Form	solid
Colour	greenish blue
Odour	characteristic
Density	---
Melting point/freezing point of	> 60 °C
Flash point/flash point range: of	> 150 °C
Recommended processing temperature	80 °C - 90°C, lower processing temperatures are feasible. Generally, lower processing temperatures require longer mixing times. Check complete solubility/ dispersion before production start.
Solubility	Insoluble in water/ soluble resp. dispersible in wax, oil or hydrocarbons.
Storage	Store cool, dry and in darkness. Keep original packaging sealed when not in use.
Packaging	PE-bags (max. 10kg net) packed in cardboard boxes (on pallets or as single packages).
Safety and Security	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.
Version : 11 / 18.08.23	Print date: 15.10.24

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 **9501627766689 Turquoise Candle Dye**

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**
Country **Transistorstraat 91-021, 322CL, Almere,**
Phone # **The Netherlands**
E-mail **+31 36 2036384**
Website **contact@youwish.nl**
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)

Skin Sens. 1; H317 May cause an allergic skin reaction.

2.2 Label elements



Signal word **Warning**

Nature of Hazard

Hazard statements

Safety precautions

GHS07 Exclamation mark
H317 May cause an allergic skin reaction.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P321 Specific treatment (see ### on this label).
P363 Wash contaminated clothing before reuse.
P501 Dispose of contents/container to hazardous waste.
P302+P352 IF ON SKIN: Wash with plenty of water/soap.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

Hazard components for labelling

Special provisions concerning the labelling of certain mixtures

2.3 Other hazards

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SECTION 3: Composition/information on ingredients

3.1 Substances

Mixture of waxes, colouring agents and additives

3.2 Mixtures

Hazardous ingredients

C.I. Solvent Blue 63: 0,1 % - 0,99 %
CAS-Number: 6408-50-0
EINECS / ELINCS / NLP: 229-059-2
Classification according to EC regulation 1272/2008 (CLP):
Aquatic Chronic 4; H413 / Skin Sens. 1A; H317

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

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.

Extinguishing media which must not be used for safety reasons Full water jet

5.2 Special hazards arising from the substance or mixture

Possible combustion products Nitrogen oxides (NOx), carbon monoxide and carbon dioxide

5.3 Advice for firefighters

Special protective equipment for firefighters Wear self-contained breathing apparatus.

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.

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

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

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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	greenish blue
Odour	characteristic

Important health, safety and environmental information

	min	max		
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 mPa.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.

Toxicological tests: components

1-(methylamino)-4-[(3-methylphenyl)amino]anthraquinone

oral	LD50	2000.0	mg/kg	OECD 420
Rat				
Skin irritation:			Not an irritant	OECD 439
Eye irritation:			Not an irritant	OECD 437
Rabbit				
germ cell mutagenicity			negative	OECD 471 (Ames)
In vitro mutagenicity				
Skin sensitisation			sensitising	-
Quantitative structure-activity relationship (QSAR)				

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
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Ecotoxicological effects: components

1-(methylamino)-4-[(3-methylphenyl)amino]anthraquinone

Daphnia toxicity:	EC50(48h) >	100.0	mg/L
Daphnia magna (Big water flea)			
Toxicity to microorganisms	EC50(72h) >	100.0	mg/L
Pseudokirchneriella subcapitata			

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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).

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Recommendation	Dispose of waste according to applicable legislation. Discharge into the environment must be avoided.
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Package

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.
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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

No dangerous good in sense of these transport regulations.

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

14.7 Maritime transport in bulk according to IMO instruments

Additional information

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

No dangerous good in sense of these transport regulations. 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

Germany

Storage class	11
Water Hazard Class	1
Incident regulation	---
Information on working limitations	Observe employment restrictions for young people. No special measures are required. Observe employment restrictions for expectant or nursing mothers.

15.2 Chemical Safety Assessment

Chemical Safety Assessment	No substance safety evaluation was conducted with the mixture/ substance.
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Hazard statements (CLP)

H317 May cause an allergic skin reaction.

Reason of change	General revision
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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
0.0001	0.0001
0.0002	0.0002
0.0003	0.0003
0.0004	0.0004
0.0005	0.0005
0.0006	0.0006
0.0007	0.0007
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0.0068	0.0068
0.0069	0.0069
0.0070	0.0070
0.0071	0.0071
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0.0073	0.0073
0.0074	0.0074
0.0075	0.0075
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0.0080	0.0080
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0.0083	0.0083
0.0084	0.0084
0.0085	0.0085
0.0086	0.0086
0.0087	0.0087
0.0088	0.0088
0.0089	0.0089
0.0090	0.0090
0.0091	0.0091
0.0092	0.0092
0.0093	0.0093
0.0094	0.0094
0.0095	0.0095
0.0096	0.0096
0.0097	0.0097
0.0098	0.0098
0.0099	0.0099
0.0100	0.0100

ADR	Accord Européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
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RID	Règlement concernant le transport international ferroviaire des marchandises dangereuses (Regulation on the international carriage of dangerous goods by rail)
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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

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.