



# DURANTINE TURQUOISE FBL 400%

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
Issue date: 7/17/2019 Revision date: 7/17/2019 Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : DURANTINE TURQUOISE FBL 400%  
Product group : Finished Product

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

##### 1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial  
For professional use only  
Use of the substance/mixture : Textile industry

##### 1.2.2. Uses advised against

Restrictions on use : Product for industrial use only

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

Town End (Leeds) plc  
Silver Court  
Intercity Way, Stanningley  
LS13 4LY Leeds - United Kingdom  
T +44 (0)113 256 4251 - F +44 (0)113 239 3315  
[msds@dyes.co.uk](mailto:msds@dyes.co.uk) - [www.dyes.co.uk](http://www.dyes.co.uk)

#### 1.4. Emergency telephone number

Emergency number : +44 (0)113 256 4251

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Not classified

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

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

EUH-statements : EUH210 - Safety data sheet available on request.

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium carbonate	(CAS-No.) 497-19-8 (EC-No.) 207-838-8 (EC Index-No.) 011-005-00-2 (REACH-no) 01-2119485498-19	≥ 1 – < 10	Eye Irrit. 2, H319
White mineral oil (petroleum)	(CAS-No.) 8042-47-5 (EC-No.) 232-455-8 (REACH-no) 01-2119487078-27	≥ 1 – < 10	Asp. Tox. 1, H304

Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

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First-aid measures after skin contact	: Wash skin with plenty of water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: Do NOT induce vomiting. If you feel unwell, seek medical advice.

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

Symptoms/effects after inhalation	: Under normal conditions of use, no adverse effects to health have been observed. May cause respiratory irritation.
Symptoms/effects after skin contact	: Under normal conditions of use, no adverse effects to health have been observed. May cause irritation to skin.
Symptoms/effects after eye contact	: Direct contact with the eyes is likely to be irritating.
Symptoms/effects after ingestion	: Under normal conditions of use, no adverse effects to health have been observed.
Chronic symptoms	: None known.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Use extinguishing agent suitable for surrounding fire.
Unsuitable extinguishing media	: Do not use water jet.

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

Fire hazard	: In case of fire and/or explosion do not breathe fumes. Decomposition products may be a hazard to health.
Reactivity in case of fire	: None known.
Hazardous decomposition products in case of fire	: Hazardous vapours may be released.

### 5.3. Advice for firefighters

Precautionary measures fire	: Evacuate area. Eliminate all ignition sources if safe to do so.
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not allow run-off from fire fighting to enter drains or water courses.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

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

General measures	: Ensure adequate ventilation. Eliminate every possible source of ignition. Evacuate area.
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#### 6.1.1. For non-emergency personnel

Protective equipment	: Concerning personal protective equipment to use, see section 8.
Emergency procedures	: Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment.
Emergency procedures	: Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

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

For containment	: Collect spillage.
Methods for cleaning up	: Sweep or shovel spills into appropriate container for disposal.

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed	: Ensure adequate ventilation. In case of inadequate ventilation wear respiratory protection.
Precautions for safe handling	: Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required.
Hygiene measures	: Always wash hands after handling the product. Wash contaminated clothing before reuse.

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

Storage conditions	: Keep container tightly closed in a cool, well-ventilated place. Protect from moisture.
Incompatible products	: Strong acids. Strong bases.
Incompatible materials	: Sources of ignition. Direct sunlight.

### 7.3. Specific end use(s)

No additional information available

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

##### Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:					
Refer to manufacturer's information					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Chemical resistant gloves (according to European standard EN 374 or equivalent)	Nitrile rubber (NBR), Butyl rubber, Latex, Polyvinylchloride (PVC), Neoprene protective gloves	6 (> 480 minutes)		Gloves must be replaced after each use and whenever signs of wear or perforation appear	EN ISO 374
Eye protection:					
Chemical goggles or safety glasses. Refer to manufacturer's information					
Type	Use	Characteristics	Standard		
Safety glasses	Dust, Fine dust		EN 166		
Skin and body protection:					
Wear suitable protective clothing					
Respiratory protection:					
Wear appropriate mask					
Device	Filter type	Condition	Standard		
Respiratory protective device with a particle filter	Type P1, Type P2, Type P3	Protection for Liquid particles, Vapour protection	EN 149		

##### Personal protective equipment symbol(s):



##### Other information:

Do not eat, drink or smoke during use.

### SECTION 9: Physical and chemical properties

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

Physical state	: Solid
Appearance	: Powder.
Colour	: Greenish blue.
Odour	: odourless.
Odour threshold	: No data available
pH	: 9 – 10 20 g/l @20°C
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: > 200 °C
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 0.7 g/cm <sup>3</sup>

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Solubility	: Water: 30 g/l (30 °C)
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions of use.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, nitrogen oxides (NOx).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

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LD50 oral rat	> 4000 mg/kg
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### Sodium carbonate (497-19-8)

LD50 oral rat	> 4090 mg/kg
LD50 dermal rabbit	2210 mg/kg
LC50 inhalation rat (Dust/Mist - mg/l/4h)	2875 mg/l/4h

### White mineral oil (petroleum) (8042-47-5)

LD50 oral rat	> 5000 mg/kg
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 5 mg/l/4h

Skin corrosion/irritation	: Not classified pH: 9 – 10 20 g/l @20°C
Serious eye damage/irritation	: Not classified pH: 9 – 10 20 g/l @20°C
Respiratory or skin sensitisation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-single exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-repeated exposure	: Not classified

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Additional information	: Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

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LC50 fish 1	> 100 mg/l
IC50, microorganisms	> 100 mg/l (3 Hours, (OECD 209 method))

#### Sodium carbonate (497-19-8)

LC50 fish 1	300 mg/l <i>Lepomis macrochirus</i>
LC50 fish 2	320 mg/l <i>Lepomis macrochirus</i>
LC50 other aquatic organisms 1	740 mg/l <i>Gambusia affinis</i>
EC50 Daphnia 1	265 mg/l
EC50 Daphnia 2	200 mg/l

#### White mineral oil (petroleum) (8042-47-5)

NOEC chronic algae	≥ 100 mg/l
LL50, <i>Oncorhynchus mykiss</i> (Rainbow trout)	≥ 100 mg/l (96 Hours, (OECD 203 method))
LL50, daphnia	≥ 100 mg/l (48 Hours, (OECD 202 method))
NOECr, aquatic algae	≥ 100 mg/l (72 Hours, (OECD 201 method))
NOECr, daphnia, Chronic	≥ 1000 mg/l (21 days, (OECD 211 method))

#### 12.2. Persistence and degradability

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Persistence and degradability	Not established.
Chemical oxygen demand (COD)	0.9 g O <sub>2</sub> /g substance
Biodegradation	25 – 50 %

#### White mineral oil (petroleum) (8042-47-5)

Biodegradation	31 %
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#### 12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
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#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Other adverse effects

Additional information	: Avoid release to the environment.
Metal Content	:
Metal	:
AOX Value	:

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
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Ecology - waste materials

: Avoid release to the environment.

### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

No supplementary information available

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Inland waterway transport

Not applicable

#### Rail transport

Not applicable

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

### SECTION 15: Regulatory information

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

##### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

##### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

Full text of H- and EUH-statements:	
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H304	May be fatal if swallowed and enters airways.
H319	Causes serious eye irritation.

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EUH210	Safety data sheet available on request.
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SDS EU (REACH Annex II) TOWN END

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*