

TOLBEST DRAIN TRACING DYE BLUE E132

Revision 2

Revision date 2016-03-18

TOLBEST

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

TOLBEST DRAIN TRACING DYE BLUE E132

Revision

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

1.1. Product identifier

Product name	TOLBEST DRAIN TRACING DYE BLUE E132
CAS No.	860-22-0
EC No.	212-728-8

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

Description	No data available.
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1.3. Details of the supplier of the safety data sheet

Company	Tolbest Ltd
Address	Unit 8 Aston Court Kingsland Grange Warrington WA1 4SG
Web	www.tolbest.co.uk
Telephone	+44 (0) 1925 825335
Fax	+44 (0) 1925 825336
Email	info@tolbest.co.uk
Email address of the competent person	info@tolbest.co.uk

1.4. Emergency telephone number

Emergency telephone number	+44 (0) 1925 825335 9.00 am - 5.00 pm GMT Mon - Fri
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Intended use

	Tracing Dye.
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Main hazards No Significant Hazard

2.2. Label elements

Risk phrases None.
No Significant Hazard

2.3. Other hazards

Other hazards No data available.

SECTION 3: Composition/information on ingredients

3.1. Substances

3.1. Substances

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
TOLBEST DRAIN TRACING DYE BLUE E132		860-22-0	212-728-8				

The product does not contain any substances classified as hazardous according to CLP.

3.2. Mixtures

Not applicable.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. Seek medical attention if you feel unwell or if exposure is prolonged.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Remove contaminated clothing. Wash affected skin with soap and plenty of water.
Ingestion	Rinse mouth thoroughly. DO NOT INDUCE VOMITING.

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

Inhalation	No irritation expected.
Eye contact	No irritation expected.
Skin contact	No irritation expected.
Ingestion	No irritation expected.

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

Inhalation	Seek medical attention if irritation or symptoms persist. Symptomatic treatment.
Eye contact	Seek medical attention if irritation or symptoms persist. Symptomatic treatment.
Skin contact	Seek medical attention if irritation or symptoms persist. Symptomatic treatment.
Ingestion	Seek medical attention if irritation or symptoms persist. Symptomatic treatment.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.
Carbon dioxide (CO₂), Foam, Water spray.

5.2. Special hazards arising from the substance or mixture

Burning may produce irritating and noxious fumes.

5.3. Advice for firefighters

Self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear gloves, goggles, respiratory protection.

6.2. Environmental precautions

Do not allow product to contaminate water courses.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Scoop into marked containers for disposal as chemical waste.

6.4. Reference to other sections

Ensure adequate ventilation of the working area.

6.4. Reference to other sections

See section 3, 8 & 13 for further information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid ingestion, inhalation, skin and eye contact.
Handle in accordance with good industrial hygiene practice and any legal requirements.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Store in a cool, dry, well ventilated area.
Do not store with hazardous chemicals.
In common with many organic compounds in powder form it can produce flammable dust clouds in air. Take precautionary measures against static discharges.

7.3. Specific end use(s)

No data available.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

None established.

8.2. Exposure controls



8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

Eye / face protection

~~Approved safety goggles.~~

Skin protection - Handprotection

Chemical resistant protective gloves (EN374).

~~Respiratory protection~~

~~Self-contained breathing apparatus.~~

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Powder
Colour	Dark Blue
Odour	Odourless
Odour threshold	Not applicable.
pH	3 - 4 10 g/l water
Melting point	No data available
Freezing Point	No data available
Initial boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	Not applicable.
Vapour density	Not applicable.
Relative density	0.8 - 1
Water solubility	80 g/l @ 95°C
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive properties	No data available

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Oxidising properties	No data available
Solubility	Soluble in water

9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	Not applicable.
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	No data available

Water solubility

	8%.
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SECTION 10: Stability and reactivity

10.1. Reactivity

	<u>Under normal handling and storage conditions, no hazardous reaction is expected.</u>
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10.2. Chemical stability

	<u>Stable under normal conditions.</u>
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10.3. Possibility of hazardous reactions

	<u>Under normal handling and storage conditions, no hazardous reaction is expected.</u>
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10.4. Conditions to avoid

	<u>Damp atmosphere.</u>
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10.5. Incompatible materials

	<u>Oxidising agents. Reducing agents.</u>
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10.6. Hazardous decomposition products

	<u>Under normal conditions of storage and use, hazardous decomposition products should not be produced.</u>
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10.6. Hazardous decomposition products

	<u>Burning may produce irritating and noxious fumes.</u>
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation	<u>No irritation expected.</u>
Serious eye damage/irritation	<u>No irritation expected.</u>
Respiratory or skin sensitisation	<u>No sensitization effects reported.</u>

11.1.4. Toxicological Information

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TOLBEST DRAIN TRACING DYE BLUE E132	Dermal Rat LD50: Not determined	Oral Rat LD50: > 2000 mg/kg
	Dermal Rabbit LD50: Not determined	Inhalation Rat LC50/4 h: Not determined

Further information

Adverse effects in man	No adverse effects reported.
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SECTION 12: Ecological information

12.2. Persistence and degradability

	No data available.
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12.3. Bioaccumulative potential

	No data available.
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Partition coefficient

	TOLBEST DRAIN TRACING DYE BLUE E132 No data available
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12.4. Mobility in soil

	Product is soluble in water.
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12.5. Results of PBT and vPvB assessment

	No data available.
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12.6. Other adverse effects

	Not toxic or harmful to aquatic organisms.
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Further information

Metal content	Metal content under the ETAD recommended limits.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

	No data available.
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Disposal methods

	Dispose of in compliance with all local and national regulations. Contact a licensed waste disposal company.
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Disposal of packaging

	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling. Dispose of containers in accordance with local and national regulations.
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Further information

Further information

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European Waste Catalogue Waste Catalogue (94/3 EC)	For disposal within the EC, the appropriate code according to the European (EWC) should be used.
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SECTION 14: Transport information

14.1. UN number

The product is not classified as dangerous for carriage.

14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

14.4. Packing group

The product is not classified as dangerous for carriage.

14.5. Environmental hazards

The product is not classified as dangerous for carriage.

14.6. Special precautions for user

The product is not classified as dangerous for carriage.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

Further information

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

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

Regulations	COMMISSION
	<p>REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency,</p> <p>amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p> <p>REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL</p> <p>of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p>

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15.2. Chemical safety assessment

No data available.

SECTION 16: Other information

Other information

Revision

This document differs from the previous version in the following areas:.

- 1 - Intended use.
- 3 - 3.1. Substances.
- 3 - 3.2. Mixtures.
- 4 - Inhalation.
- 4 - Eye contact.
- 4 - Skin contact.
- 4 - Ingestion.

Other information

- 5 - 5.1. Extinguishing media.
- 5 - 5.2. Special hazards arising from the substance or mixture.
- 6 - 6.1. Personal precautions, protective equipment and emergency procedures.
- 6 - 6.2. Environmental precautions.
- 6 - 6.3. Methods and material for containment and cleaning up.
- 7 - 7.1. Precautions for safe handling.
- 7 - 7.2. Conditions for safe storage, including any incompatibilities.
- 8 - Respiratory protection.
- 8 - Skin protection - Handprotection.
- 8 - Eye / face protection.
- 9 - 9.1. Information on basic physical and chemical properties (Colour).
- 9 - 9.1. Information on basic physical and chemical properties (PH).
- 9 - 9.1. Information on basic physical and chemical properties (Initial boiling point).
- 9 - 9.1. Information on basic physical and chemical properties (Melting point).
- 9 - 9.1. Information on basic physical and chemical properties (Flash point).
- 9 - 9.1. Information on basic physical and chemical properties (Flammability (solid, gas)).
- 9 - 9.1. Information on basic physical and chemical properties (Autoignition temperature).
- 9 - 9.1. Information on basic physical and chemical properties (Explosive properties).
- 9 - 9.1. Information on basic physical and chemical properties (Oxidising properties).
- 9 - 9.1. Information on basic physical and chemical properties (Vapour pressure).

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- 9 - 9.1. Information on basic physical and chemical properties (Relative density).
- 9 - 9.1. Information on basic physical and chemical properties (Viscosity).
- 9 - 9.1. Information on basic physical and chemical properties (Water solubility).
- 9 - 9.1. Information on basic physical and chemical properties (Vapour density).
- 9 - 9.1. Information on basic physical and chemical properties (Evaporation rate).
- 9 - 9.1. Information on basic physical and chemical properties (Freezing Point).
- 9 - 9.1. Information on basic physical and chemical properties (Fat Solubility).
- 9 - 9.1. Information on basic physical and chemical properties (Solubility).
- 9 - 9.1. Information on basic physical and chemical properties (Odour threshold).
- 9 - 9.2. Other information (Conductivity).
- 9 - 9.2. Other information (Partition coefficient).
- 9 - 9.2. Other information (Gas group).
- 9 - 9.2. Other information (Surface tension).
- 9 - 9.2. Other information (Benzene Content).
- 9 - 9.2. Other information (Product Subcategory).
- 9 - 9.2. Other information (Lead content).
- 10 - 10.4. Conditions to avoid.
- 10 - 10.3. Possibility of hazardous reactions.
- 10 - 10.6. Hazardous decomposition products.
- 10 - 10.1. Reactivity.
- 10 - 10.5. Incompatible materials.
- 11 - 11.1.4. Toxicological Information.
- 11 - Skin corrosion/irritation.
- 11 - Respiratory or skin sensitisation.
- 11 - Adverse effects in man.
- 11 - 11.1. Information on toxicological effects.
- 11 - Serious eye damage/irritation.
- 12 - 12.4. Mobility in soil.
- 12 - Metal content.
- 12 - 12.6. Other adverse effects. 16 - Maximum content of VOC.

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Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.