



## SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

### DRAIN TRACING DYE YELLOW E102

Revision 6

Revision date 2016-09-15

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

##### 1.1 Product Identifier

Product Name	DRAIN TRACING DYE YELLOW E102
CAS No.	1934-21-0
EC No.	217-699-5

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

Description	Tracing Dye
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##### 1.3. Details of the supplier of the safety data sheet

Company Address	Masefield-Beta Limited, Unit 17, Coneygre Ind Est, Tipton, West Midlands, DY4 8XP
Web	<a href="https://www.masefield-beta.co.uk/">https://www.masefield-beta.co.uk/</a>
Telephone	Tel: 0121 557 3433
Fax	Fax: 0121 520 6369
E-mail	<a href="mailto:sales@masefield-beta.co.uk">sales@masefield-beta.co.uk</a>
Email address of the competent person	<a href="mailto:sales@masefield-beta.co.uk">sales@masefield-beta.co.uk</a>

##### 1.4. Emergency telephone number

Emergency telephone number	0121 557 3433
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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
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### 2.2 . Label elements

Risk phrases	No Significant Hazard.
	No Significant Hazard

### 2.3 . Other hazards

Other hazards	No data available.
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## 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
N/A	1934-21-0	217-699-5					
				E102 Tartrazine.			

### 3.2 . Mixtures

	No data available.
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## SECTION 4: 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	May cause irritation to respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	May be harmful if swallowed.

### 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 (CO<sub>2</sub>). Foam. Water spray.

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

Burning produces irritating, toxic and obnoxious fumes.  
Burning produces: Oxides of Carbon, Nitrogen and Sulphur.

### 5.3 . Advice for firefighters

Self-contained breathing apparatus.

### Further information

Gas Carbon, nitrogen and sulphur oxides.

Explosion None

## SECTION 6: Accidental release measures

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

Wear suitable protective equipment. Gloves, respiratory protection.

### 6.2 . Environmental precautions

Do not allow product to contaminate water courses.

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

Scoop into marked containers for disposal as chemical waste.

### 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.  
Adopt best Manual Handling considerations when handling, carrying and dispensing.  
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.  
In common with many organic compounds in powder form it can produce flammable dust clouds in air. Whilst this product has been treated to minimise such risk, 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.

Approved safety goggles.

Chemical resistant gloves.

Suitable respiratory equipment.

## SECTION 9: Physical and chemical properties

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

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

Appereance	Powder
Colour	Yellow
Odour	Odourless
Odour threshold	Not applicable.
pH	7 - 8 at 10g/l (20C)
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	No data available
Vapour density	No data available
Relative density	0.8 - 1 g/cm3
Water Solubility	14 %
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available

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## 9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	No data available

### Water solubility

	14%
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## SECTION 10: Stability and reactivity

### 10.1 . Reactivity

	No data available
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### 10.2 . Chemical stability

	No data available
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### 10.3 . Possibility of hazardous reactions

	Oxidising agents. Reducing agents. Damp atmosphere.
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### 10.4 . Conditions to avoid

	No data available.
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### 10.5 . Incompatible materials

	No data available.
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### 10.6 . Hazardous decomposition products

	None under normal storage conditions.
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## SECTION 11: Toxicological information

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## 11.1. Information on toxicological effects

	No data available.
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## 11.1.4. Toxicological Information

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## Further information

Skin sensitisation	None Known.
Adverse effects in man	No adverse effects reported.
Eye irritation	Non-irritant
Skin irritation	Non-irritant

## SECTION 12: Ecological information

12.1 . Toxicity	No data available.
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12.2 . Persistence and degradability	No data available.
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12.3 . Bioaccumulative potential	No data available.
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	DRAIN TRACING DYE YELLOW No data available
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12.4 . Mobility in soil	No data available.
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12.5 . Results of PBT and vPvB assessment	No data available.
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12.6 . Other adverse effects	No data available.
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Further Information	
Metal Content	Metal content under the ETAD recommended limits.
Summary	Not toxic or harmful to aquatic organisms.

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**SECTION 13: Disposal considerations**

## 13.1 .Waste treatment methods

No data available.

## Disposal methods

Dispose of in compliance with all local and national regulations.  
Can be sent to landfill or incinerated if in compliance with local and national regulations. Contact a licensed waste disposal company.

## Disposal of packaging

Do NOT reuse empty containers.  
Contaminated empty containers must be disposed of as chemical waste.  
Dispose of containers in accordance with local and national regulations

## Further information

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

## Further information

**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.

**SECTION 15: Regulatory information**

## Regulations

COMMISSION 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, 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.

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL 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.

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

### Regulations

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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:  
14 - Further information.

### 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.