



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page

DRAIN TRACING DYE GREEN FLUORESCENCE

Revision

Revision date

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

1.1 Product Identifier

Product Name	DRAIN TRACING DYE GREEN FLUORESCENCE
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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	https://www.masefield-beta.co.uk/
Telephone	Tel: 0121 557 3433
Fax	Fax: 0121 520 6369
E-mail	sales@masefield-beta.co.uk
Email address of the competent person	sales@masefield-beta.co.uk

1.4. Emergency telephone number

Emergency telephone number	0121 557 3433
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Intended use	U/V Fluorescent leak tracing in aqueous media.
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Further information

	HS Code: 32041200.
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SECTION 2: Hazards	identification
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2.1 . Classification of the substance or mixture

2.1.1 . Classification - 1999/45 /EC

Xi; R36

Symbols: Xi: Irritant.

Main hazards

Irritating to eyes.

2.1.2 . Classification - EC 1272/2008

Eye Irrit. 2: H319;

2.2 . Label elements

Hazard pictograms



2.2 . Label elements

Signal Word

Warning

Hazard Statement

Eye Irrit. 2: H319 - Causes serious eye irritation.

Precautionary

Statement:

P264 - Wash thoroughly after handling.

Prevention

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary

Statement:

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact

Response lenses, if present and easy to do. Continue rinsing.

P337+P313 - If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

Other hazards

No data available.

Further information

GHS classification EC:.

Symbol GHS-07.

Eye Irrit. 2: H319 - Causes serious eye irritation.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

3.2 . Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	Reach Registration Number	Conc. (%w/w)	Classification	M Factor
Sodium carbonate	011-005-00-2	497-19-8	207-838-8			Xi; R36	

Chemical Name	Index No.	CAS No.	EC No.	Reach Registration Number	Conc. (%w/w)	Classification	M Factor
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Sodium carbonate	011-005-00-2	497-19-8	497-19-8
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Further information

GHS Classification EC:.
Symbol: GHS-07.
Eye Irrit. 2: H319 - Causes serious eye irritation.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
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.
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4.3. Indication of any immediate medical attention and special treatment needed

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.

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 produces irritating, toxic and obnoxious fumes. Oxides of Carbon, Nitrogen and Sulphur.
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5.3 . Advice for firefighters

Wear suitable respiratory equipment when necessary. Self-contained breathing apparatus.

Further information

Explosion Hazard	None.
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SECTION 6: Accidental

release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Wear suitable protective equipment. Gloves, respiratory protection.

6.2 . Environmental precautions

Do not allow product to contaminate water courses. Do not allow product to enter drains. Prevent further spillage if safe.

6.3 . Methods and material for containment and cleaning up

Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4 . Reference to other sections

See section 3,8 & 13 for further information.

Further information

Additional information

This product can stain heavily particularly when undiluted.

SECTION 7: Handling and storage

7.1 . Precautions for safe handling

Avoid ingestion, inhalation, skin and eye contact. Ensure adequate ventilation of the working area. Handle in accordance with good industrial hygiene practice and any legal requirements. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2 . Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers.
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.

SECTION 8: Exposure controls/personal protection

8.1 . Control parameters

No exposure limit value known

8.1.1 . Exposure Limit Values

Sodium carbonate	WEL 8-hr limit ppm: WEL 8-hr limit mg/m3:	WEL 8-hr limit mg/m3:
	WEL 15 min limit ppm:	WEL 15 min limit mg/m3:
	WEL 8-hr limit mg/m3 total 10 inhalable dust:	WEL 15 min limit mg/m3 total inhalable dust:
	WEL 8-hr limit mg/m3 total 4 respirable dust:	WEL 15 min limit mg/m3 total respirable dust:


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8.2 . Exposure controls

8.2.1 . Appropriate engineering controls Eye / face protection Skin protection - Handprotection Skin protection - Other Respiratory protection	
	Ensure adequate ventilation of the working area.
	Approved safety goggles.
	Chemical resistant gloves.
	Wear chemical protective clothing.
	Wear.. Suitable respiratory equipment.

SECTION 9: Physical and chemical properties

Appereance	Liquid
Colour	Yellow/Orange
Odour	Odourless
pH	8 - 9.5
Melting point	> 100 °C
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	No data available
Water solubility	> 15 g/l at 90C
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Decomposition temperature	> 200 °C
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available
Solubility	Soluble in water

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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.

SECTION 10: Stability and reactivity

10.1 . Reactivity

	No data available
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10.2 . Chemical stability

	Stable under normal conditions.
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10.3 . Possibility of hazardous reactions

	No data available.
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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

	No data available.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

	No data available.
Germ cell mutagenicity	No mutagenic effects reported.

11.1.4. Toxicological 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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Partition coefficient

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13.1 .Waste treatment methods

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FLUORESCEINE POWDER	Dermal Rat LD50: No data	Oral Rat LD50: >2000 mg/kg
	Dermal Rabbit LD50: No data	Inhalation Rat LC50/4 h: No data
Sodium carbonate	Oral Rat LD50: 4000mg/kg	

Further information

Skin sensitisation Eye irritation Skin irritation	None Known.
	Irritant Rabbit
	Non-irritant EC 83 Rabbit.

SECTION 12: Ecological information

Partition coefficient

	DRAIN TRACING DYE GREEN FLUORESCEINE 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

Summary	No inhibition. No nitrification inhibition known. Not classified as harmful to aquatic organisms at 100mg/l.
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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. Can be incinerated if in compliance with local and national regulations. Can be sent to landfill if in compliance with local and national regulations. Contact a licensed waste disposal company.
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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.
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Further information

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European Waste Catalogue (94/3 EC)	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.
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	
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	
Regulations	
	<p>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</p> <p>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.</p>
15.2. Chemical safety assessment	
	No data available.

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SECTION 16: Other information

Revision Text of risk phrases in Section 3 Text of Hazard Statements in Section 3	GHS classification EC. Symbols. GHS-07. Eye Irrit. 2: H319 - Causes serious eye irritation.
	This document differs from the previous version in the following areas: 14 - Further information.
	R36 - Irritating to eyes.
	Eye Irrit. 2: H319 - Causes serious eye irritation.
Further information	
Other 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.
Further information	