

Drain Tracing Dyes (Blue)

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2020/878



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

1.1 Product identifier

Drain Tracing Dyes (Blue)

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

Relevant identified uses: For Testing and tracing or leaks in drains.

Uses advised against: Not to be used other than as identified.

1.3. Details of the supplier of the safety data sheet

Address: Killgerm Chemicals Ltd, Wakefield Road, Ossett, WF5 9AJ

Tel: +44 (0)1924 268 400

Fax: +44 (0)1924 265 033

Email: technical@killgerm.com

1.4. Emergency telephone number

Medical professionals should use National Poisons Information Service Tel: 0870 600 6266.

Killgerm Chemicals Ltd Tel: 01924 268452 (Office hours)

Non-medical professionals should seek information by contacting NHS by dialling 111.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 [CLP]

Not classified

2.2. Label elements

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

No labelling applicable

Signal Word: None

Hazard statements:

None

Precautionary statements:

None

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1 Substances

Hazardous Components in Product

Ingredient Name	Product Identifier	Concentration
E132 INDIGO CARMINE	CAS-No: 860-22-0 EC-No: 212-728-8	100% (w/w)
SODIUM CHLORIDE	CAS-No: 7647-14-5 EC-No: 231-598-3	
SUNFLOWER OIL	CAS-No: 8001-21-6 EC-No: 232-273-9	

SECTION 4: First aid measures

4.1. Description of 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).

Inhalation: Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

Skin contact: Wash skin with plenty of water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

Date of issue: Mar 2026

Replaces version issued: Jan 2020

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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.

Ingestion: Do NOT induce vomiting. If you feel unwell, seek medical advice.

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

After inhalation: Under normal conditions of use, no adverse effects to health have been observed. May cause respiratory irritation.

After skin contact: Under normal conditions of use, no adverse effects to health have been observed. May cause irritation to skin.

After eye contact: Direct contact with the eyes is likely to be irritating.

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 agents: Water Mist, foam, or carbon dioxide.

Unsuitable agents: Do not use water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire and/or explosion do not breathe fumes. Hazardous vapours may be released in case of fire.

Decomposition products may be a hazard to health.

5.3. Advice for firefighters

Evacuate area. Eliminate all ignition sources if safe to do so.

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not allow run-off from firefighting to enter drains or water courses.

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: Ensure adequate ventilation. Remove every possible source of ignition. Evacuate area.

For non-emergency personnel: Wear appropriate PPE (See section 8). Evacuate unnecessary personnel

For emergency responders: Do not attempt to take action without suitable protective equipment. 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

Sweep up spill material and transfer to a marked container. Dispose of following local regulations. Clean area with soap and water where possible to prevent staining.

6.4. Reference to other sections

See section 8 for protective clothing. See section 13 for disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ensure adequate ventilation. In case of inadequate ventilation wear respiratory protection.

Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required.

Always wash hands after handling the product. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool dry area with adequate ventilation. Protect from moisture.

Keep away from hazardous chemicals, strong acids and strong bases, and sources of ignition / direct sunlight.

May produce flammable dust clouds in air. Take precautionary measures against static discharges.

Keep containers closed.

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7.3. Specific end use(s)

See section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Contains no substances with work place exposure limits.

8.2. Exposure controls

Where exposure may occur engineering controls should be employed. A risk assessment should be carried out and the following PPE may be appropriate /required.

Personal protective equipment: Avoid all unnecessary exposure.



PPE	Item in use & Spillage
Respirators	Respiratory protective device with a particle filter. Filter: Type P1, Type P2, Type P3 Standard: EN 149
Gloves	Protective Gloves to EN 374 e.g. Nitrile.
Overall	Wear suitable protective clothing
Glasses	Goggles to EN 166

General safety and hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended. Store work clothing separately. Keep away from food, drink and animal feeding stuffs.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State:	Solid
Colour:	Dark Blue
Appearance:	Powder
Odour:	Odourless
Melting point/Freezing point:	Not available
Boiling point or initial boiling point and boiling range:	Not available
Flammability:	Non flammable
Lower and upper explosion limit:	Not applicable
Flash point:	Not applicable
Auto-ignition temperature:	Not applicable
Decomposition temperature:	Not available
pH:	3 – 4 @ 10g/l
Viscosity:	Not applicable
Solubility:	Soluble in water. Water ≈80g/l @ 95°C
Partition coefficient n-octanol/water (log value):	Not available
Vapour pressure:	Not available
Density and/or relative density:	0.8 - 1
Relative vapour density:	Not applicable
Particle characteristics:	Not available

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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 recommended conditions of storage and handling.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acid. Strong bases. Strong oxidising agents.

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 hazard classes as defined in Regulation (EC) No 1272/2008

(a) **Acute toxicity**; Not classified.

E132 INDIGO CARMINE (860-22-0)

LD50 oral rat	> 2000 mg/kg
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(b) **Skin corrosion/irritation**; Not classified pH: 3 – 4 @ 10g/l

(c) **Serious eye damage/irritation**; Not classified pH: 3 – 4 @ 10g/l

(d) **Respiratory or skin sensitisation**; Based on available data, the classification criteria are not met

(e) **Germ cell mutagenicity**; Based on available data, the classification criteria are not met

(f) **Carcinogenicity**; Based on available data, the classification criteria are not met

(g) **Reproductive toxicity**; Based on available data, the classification criteria are not met

(h) **STOT-single exposure**; Based on available data, the classification criteria are not met

(i) **STOT-repeated exposure**; Based on available data, the classification criteria are not met

(j) **Aspiration hazard**; Based on available data, the classification criteria are not met

11.2. Information on other hazards

Endocrine disrupting properties; No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Not classified as hazardous to the aquatic environment, acute and chronic.

12.2. Persistence and degradability

Product not tested, No data available.

12.3. Bio accumulative potential

Product not tested no data available.

12.4. Mobility in soil

Product not tested, No data available.

12.5. Results of PBT and vPvB assessment

No further data available.

12.6. Endocrine disrupting properties

No additional information available

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12.7. Other adverse effects

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal of unused product, empty containers and contaminated packaging must be made in accordance with the local law. For information on disposal in the UK contact the environment agency (www.environment-agency.gov.uk) or SEPA (www.SEPA.org.uk).

Avoid release to the environment.

Empty containers and contaminated PPE should be considered hazardous and disposed of appropriately.

Suggested European waste code 04 02 17.

SECTION 14: Transport information

14.1. UN number or ID number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es).

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: Regulatory information

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

Classification and labelling according to Regulation (EC) No 1272/2008

Control of Substances Hazardous to Health Regulations 2002 (as amended).

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) (as amended).

- Refer to other relevant measures such as the Health and Safety at Work etc Act 1974 and the COSHH regulations and guidance.
- The information contained in this data sheet does not constitute the user's own assessment of workplace risks as required by legislation.

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: Other information

Use only in accordance with label instructions.

The information in this data sheet should be considered when undertaking a risk assessment under the COSHH regulations.

Ingredient classification data:

Contains no hazardous ingredients according to regulation (EC) No.1272/2008 [CLP]

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Issue number (date)	Section amended
Issue (Nov 2016)	Removed old chip information
Issue (Jan 2020)	Update to style and layout – some updates to minor wording.
Issue (Mar 2026)	Updated substances table in section 3.1. Updates to cover (EU) 2020/878. Update to wording and phrases throughout.

This safety data sheet does not constitute a COSHH assessment.

The information contained within this data sheet is strictly for general guidance only and should not be relied upon over and above this. This data sheet is intended to provide general health and safety guidance on the handling, storage and transportation of the preparation. The information provided in this data sheet is accurate at the date of publication and will be updated as and when appropriate. No liability will be accepted by Killgerm Chemicals Limited for any loss, injury or damage arising from any failure to comply with the information and advice contained within this data sheet and/or failure to comply with the manufacturer's guidelines, product label data and any associated technical usage literature.