

SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH) Annex II as amended by Regulation (EU) 2020/878 and UK REACH / GB CLP

Product: **LeakLogic Block Check Blue**

Synonyms: **Block-Check Blue™ Test Fluid**

Marketplace safety statement: Non-hazardous, water-based indicator fluid; not classified under EU/UK CLP.

Version: **2.0** Date of issue: **26 July 2025** Revision date: 26 July 2025

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

1.1 Product identifier

- Trade name: **LeakLogic Block Check Blue**
- Product code: —
- UFI: Not applicable (mixture not classified).

1.2 Relevant identified uses and uses advised against

- Identified use: Diagnostic reagent for detecting CO₂ in automotive cooling systems (professional/industrial use).
- Uses advised against: None when used as intended.

1.3 Supplier

LeakLogic (trading name of [Full Name])

The Barn, Back Street, Modbury, Ivybridge, Devon PL21 0RF, United Kingdom

Tel 07943067707 E-mail info@leaklogicuk.co.uk

1.4 Emergency telephone number

07943067707 (Mon–Fri 09:00–17:00, English only)

SECTION 2 – Hazards identification

2.1 Classification

Not classified as hazardous under Regulation (EC) 1272/2008 / GB CLP.
This is a **non-hazardous, water-based indicator solution**.

2.2 Label elements

No pictograms, signal word or hazard statements required.

2.3 Other hazards

No PBT/vPvB or endocrine-disrupting substances identified.

SECTION 3 – Composition/information on ingredients

3.2 Mixtures

Not applicable – no ingredients present at or above mandatory disclosure thresholds ($\geq 1\%$).

SECTION 4 – First-aid measures

- **General:** Show this SDS to medical personnel. Treat symptomatically.
- **Inhalation:** Move to fresh air; obtain medical advice if symptoms occur.
- **Skin:** Wash with soap and water; seek medical advice if irritation develops.
- **Eyes:** Rinse cautiously with water for several minutes; remove contact lenses if present. If irritation persists, obtain medical attention.
- **Ingestion:** Rinse mouth; do **not** induce vomiting. Give water to drink; seek medical advice if unwell.

Most important effects: temporary staining; mild transient irritation possible. No specific antidote required.

SECTION 5 – Fire-fighting measures

- Suitable media: Water spray, foam, dry powder, CO₂.
 - Hazards: Combustion may generate carbon oxides and trace halogenated vapours.
 - Advice: Wear self-contained breathing apparatus; cool containers with water spray.
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SECTION 6 – Accidental release measures

Avoid eye/skin contact; ventilate area. Absorb with inert material, collect in suitable containers, wash spill site with water. Prevent large releases entering drains or surface water.

SECTION 7 – Handling & storage

- Handle with good industrial hygiene; avoid unnecessary contact.
 - Store 5–30 °C, tightly closed, out of sunlight and frost.
 - Specific end use: CO₂/combustion-gas diagnostic indicator.
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SECTION 8 – Exposure controls / personal protection

No WELs/OELs. Normal room ventilation.

- Eyes: Safety glasses if splashing possible.
 - Hands: Nitrile gloves for prolonged contact.
 - Respiratory: None normally required.
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SECTION 9 – Physical & chemical properties

Property	Value
Appearance	Blue liquid
Odour	Odourless
pH	7.0–8.0 (20 °C)
Melting point	~0 °C
Boiling point	~100 °C
Flash point	Not applicable (aqueous)
Density	~1.00 g cm ⁻³ (20 °C)
Solubility	Completely miscible with water
Viscosity	<10 mm ² s ⁻¹ (20 °C)
Flammability / explosivity	Not applicable
VOC content	~0 %

SECTION 10 – Stability & reactivity

Stable under normal conditions; avoid extreme heat. No dangerous reactions expected.

SECTION 11 – Toxicological information

Not expected to be acutely toxic or irritating at use concentration. Possible mild transient eye/skin irritation. No evidence of sensitisation, mutagenicity, carcinogenicity or reproductive toxicity.

SECTION 12 – Ecological information

Predominantly water. Indicator dye at trace level is not expected to cause aquatic toxicity. Not PBT/vPvB; low bioaccumulation.

SECTION 13 – Disposal considerations

Small quantities may be rinsed to sewer if local regulations permit. Otherwise dispose via licensed waste contractor (EWC 16 10 02 suggested). Rinse packaging before recycling/disposal.

SECTION 14 – Transport information

Not regulated as dangerous goods (ADR/RID, IMDG, IATA).

SECTION 15 – Regulatory information

Complies with EU REACH / CLP and UK REACH / GB CLP. No ingredient at reportable concentration has a workplace exposure limit.

SECTION 16 – Other information

Abbreviations: ADR, CLP, EWC, GB, IMDG, IATA, PBT, REACH, SDS, vPvB.

Revision: Version 2.0 – second issue (26 July 2025).

Disclaimer: Information believed correct at issue date; for safety guidance only; no warranty of properties.