

Safety Data Sheet

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II

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

1.1. Product identifier

Product name: Block-Check Blue™ Test Fluid

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

Use of the substance/mixture: Diagnostic reagent for detecting CO₂ in automotive cooling systems.

1.3. Details of the supplier of the safety data sheet

Company: LeakLogic Ltd.

The Barn, Back Street

Modbury, Ivybridge

Devon, PL21 0RF

United Kingdom

Email: info@leak-logic.co.uk

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

This product is not classified as hazardous according to Regulation (EC) No. 1272/2008 [CLP].

2.2. Label elements

No label elements are required as the product is not classified as hazardous.

SECTION 3: Composition/information on ingredients

Aqueous solution containing a very low concentration of indicator dye, which does not meet the criteria for classification as hazardous.

Substance name: Bromothymol blue

CAS No.: 76-59-5

Concentration: < 0.1%

SECTION 4: First aid measures

General: No special measures required. If symptoms persist, seek medical advice.

Inhalation: Not an expected route of exposure. Move to fresh air.

Skin contact: Wash with soap and water. May cause temporary staining.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

Ingestion: Do **not** induce vomiting. Rinse mouth with water. Drink plenty of water.

SECTION 5: Firefighting measures

Extinguishing media: The product is not flammable. Use extinguishing media appropriate for surrounding fire.

Special hazards: No special hazards arising from the substance.

SECTION 6: Accidental release measures

Wipe up small spills with a cloth. For larger spills, absorb with an inert material (e.g., sand, earth) and dispose of in accordance with local regulations.

SECTION 7: Handling and storage

Handling: No special handling precautions required. Follow good laboratory practice.

Storage: Store in a cool, dark place. Keep container tightly closed when not in use.

SECTION 8: Exposure controls/personal protection

Engineering controls: No special ventilation required.

Personal protective equipment: Not required for intended use. Safety glasses recommended to prevent splashing.

SECTION 9: Physical and chemical properties

- **Appearance:** Blue liquid
- **Odour:** Odourless
- **pH:** Neutral to slightly alkaline (approx. 7.0–8.0)
- **Flammability:** Not flammable

SECTION 10: Stability and reactivity

Reactivity: Stable under normal conditions.

Chemical stability: Stable under recommended storage conditions.

Conditions to avoid: Extreme temperatures and direct sunlight.

SECTION 11: Toxicological information

Based on the low concentration of ingredients, this product is not expected to be toxic by ingestion, inhalation, or skin contact.

SECTION 12: Ecological information

The product is not expected to be harmful to aquatic life. Small quantities may be disposed of down the drain with plenty of water.

SECTION 13: Disposal considerations

Dispose of contents/container in accordance with local/national regulations. Small amounts of spent solution may be flushed to a sanitary sewer with copious amounts of water.

SECTION 14: Transport information

The product is not classified as dangerous for transport (ADR/RID, IMDG, IATA).

SECTION 15: Regulatory information

This product does not require classification or labelling under the CLP Regulation (EC) No. 1272/2008.

SECTION 16: Other information

Disclaimer: The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of publication. The information is designed

only as guidance for safe handling and use and is not to be considered a warranty or quality specification.