LEAK DETECTOR Spray

Gas leak detection system in aerosol form

**Product Overview**

ROCOL® LEAK DETECTOR Spray is a specially formulated fluid designed specifically to identify even the smallest, positive pressure, gaseous leak on plastic and metallic pipework and fittings.

ROCOL LEAK DETECTOR Spray leaves a thin uniform film of surface-active agents that accurately identify any leakage or bleeding of joints.

**Features and Benefits**

- ROCOL LEAK DETECTOR Spray is suitable for use with most gases.
- ROCOL LEAK DETECTOR Spray can be used with most types of refrigerant gases.
- The product has a low chlorine content ensuring maximum plastic compatibility.
- ROCOL LEAK DETECTOR Spray is compatible with most metals and plastics.
- ROCOL LEAK DETECTOR Spray is supplied in a convenient aerosol format to ensure consistent and accurate application.
- No wastage or spillage.
- For use by registered Gas Installers.
- VOSA MOT Special Notice 1-2011 states that it is compulsory for MOT Test Stations to stock “A proprietary leak detection spray which meets BS EN 14291:2004 requirements”.
- ROCOL LEAK DETECTOR Spray meets the requirements of BS EN14291:2004 - (Foam producing solutions for leak detection on gas installations).
- Ideal for use on bottled gases including oxygen and acetylene.
- Meets the product specification given in IGE/UP/1B Edition 2.
- Meets the oxygen compatibility requirements of MIL-PRF-25567E.

**Directions for Storage and Use**

- Shake can well before use.
- Spray from a distance of 25 to 30 cm onto the area to be tested.
- Bubbles in the applied film indicate the location of a leak.
- Test compatibility with painted or coated surfaces, plastics and rubbers prior to application.
- It is advisable to wipe the residue off after testing.
- BS EN14291:2004 states that leak detection products should be rinsed off plastic and copper pipes after testing.
- The storage temperature should be kept below +50°C, and the storage area should be out of direct sunlight.
- Shelf life is 4 years from date of manufacture.

**Typical Applications**

ROCOL LEAK DETECTOR Spray is ideal for leak testing all types of plastic and metallic pipework handling most types of positive pressure gaseous mediums including oxygen (MIL-PRF-25567E).

ROCOL LEAK DETECTOR Spray is suitable for use with Natural Gas, Town Gas, Refrigerant Gas, Chlorine Gas, Compressed Air, LPG, Acetylene, Hydrogen, Nitrogen, Nitrous Oxide, Oxygen and many more...

ROCOL LEAK DETECTOR Spray is suitable for confirming a fuel leak on gas powered vehicles.

**Pack Sizes**

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>300ml</td>
<td>32030</td>
</tr>
</tbody>
</table>
Leak Detector Spray

Gas leak detection system in aerosol form

<table>
<thead>
<tr>
<th>Property</th>
<th>Test Method</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Visual</td>
<td>Clear liquid</td>
</tr>
<tr>
<td>Base Type</td>
<td>N/A</td>
<td>Aqueous blend of surfactants</td>
</tr>
<tr>
<td>Viscosity Range</td>
<td>Brookfield</td>
<td>68 – 80cP</td>
</tr>
<tr>
<td>Chloride Content</td>
<td>N/A</td>
<td>&lt;3ppm</td>
</tr>
<tr>
<td>Ammonia Content</td>
<td>N/A</td>
<td>&lt;1ppm</td>
</tr>
<tr>
<td>Propellant</td>
<td>N/A</td>
<td>CO₂</td>
</tr>
<tr>
<td>Flash Point</td>
<td>N/A</td>
<td>None</td>
</tr>
</tbody>
</table>

Values quoted above are typical and do not constitute a specification.

Safety Data Sheets

Safety data sheets are available for download from our website [www.rocol.com](http://www.rocol.com) or may be obtained from your usual ROCOL contact.

The information in this publication is based on our experience and reports from customers. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

Issue: 4 Date: 06 - 13
Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: LEAK DETECTOR SPRAY
Product code: 32030

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

Use of substance / mixture: Leak Detecting foam spray

1.3. Details of the supplier of the safety data sheet

Company name: ROCOL
ROCOL House
Swillington
Leeds
West Yorkshire
LS26 8BS
ENGLAND
Tel: +44 (0) 113 232 2700
Fax: +44 (0) 113 232 2740
Email: customer-service@rocol.com

1.4. Emergency telephone number

Emergency tel: +44 (0) 113 232 2600

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: This product has no classification under CHIP.

2.2. Label elements

Label elements under CHIP:
Hazard symbols: No significant hazard.
Precautionary phrases: Pressurized container; protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

2.3. Other hazards

PBT: This substance is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.2. Mixtures
Hazardous ingredients:

**CARBON DIOXIDE AEROSOL PROPELLANT**

<table>
<thead>
<tr>
<th>EINECS</th>
<th>CAS</th>
<th>CHIP Classification</th>
<th>CLP Classification</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>204-696-9</td>
<td>124-38-9</td>
<td>- Substance with a Community workplace exposure limit.</td>
<td>-</td>
<td>1-10%</td>
</tr>
</tbody>
</table>

**AMIDE DERIVATIVE**

| -       | 68604-35-3 | Xi: R36/38 | - | 1-10% |

**Section 4: First aid measures**

4.1. Description of first aid measures

- **Skin contact:** Wash immediately with plenty of soap and water.
- **Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.
- **Ingestion:** Wash out mouth with water. Do not induce vomiting. Consult a doctor.
- **Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

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

- **Skin contact:** There may be mild irritation at the site of contact.
- **Eye contact:** There may be irritation and redness.
- **Ingestion:** There may be irritation of the throat.
- **Inhalation:** No symptoms.

4.3. Indication of any immediate medical attention and special treatment needed

**Section 5: Fire-fighting measures**

5.1. Extinguishing media

- **Extinguishing media:** Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for fire-fighters

- **Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**Section 6: Accidental release measures**

6.1. Personal precautions, protective equipment and emergency procedures

- **Personal precautions:** Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

- **Environmental precautions:** Do not discharge into drains or rivers.

[cont...]
6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep away from sources of ignition. Keep away from direct sunlight.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

CARBON DIOXIDE AEROSOL PROPELLANT

<table>
<thead>
<tr>
<th>Workplace exposure limits:</th>
<th>Respirable dust</th>
</tr>
</thead>
<tbody>
<tr>
<td>State</td>
<td>8 hour TWA</td>
</tr>
<tr>
<td>UK</td>
<td>5000ppm</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

Hand protection: Disposable vinyl gloves

Eye protection: Safety glasses with side-shields.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Aerosol

Colour: Colourless

Odour: Odourless

Evaporation rate: Slow

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Miscible in all proportions
Viscosity: Non-viscous

Boiling point/range°C: 100
Melting point/range°C: 0
Flash point°C: > 200
Autoignition temperature: >200
Relative density: 1

9.2. Other information

Other information: Not applicable.

Section 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid: Direct sunlight. Heat. Sources of ignition.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong reducing agents.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values: Not applicable.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: There may be irritation of the throat.
Inhalation: No symptoms.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: Not applicable.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

[cont...]
SAFETY DATA SHEET
LEAK DETECTOR SPRAY

12.4. Mobility in soil

Mobility: Volatile. Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance.

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1950

14.2. UN proper shipping name

Shipping name: AEROSOLS

14.3. Transport hazard class(es)

Transport class: 2

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information


This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Compiled in accordance with REACH.

[cont...]
Phrases used in s.2 and 3:  None

R36/38: Irritating to eyes and skin.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.