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

1.1. Product identifier

Product name: LEAK DETECTOR SPRAY

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
Swellington
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 CLP: Eye Irrit. 2: H319; -: H229

Most important adverse effects: Pressurised container: May burst if heated. Causes serious eye irritation.

2.2. Label elements

Label elements:

Hazard statements: H229: Pressurised container: May burst if heated.
H319: Causes serious eye irritation.

Hazard pictograms: GHS07: Exclamation mark

Signal words: Warning

Precautionary statements: P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition [cont...]

SAFETY DATA SHEET
LEAK DETECTOR SPRAY

sources. No smoking.
P251: Do not pierce or burn, even after use.
P280: Wear protective clothing, eye protection, face protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

<table>
<thead>
<tr>
<th>EINECS</th>
<th>CAS</th>
<th>PBT / WEL</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>Press. Gas: H280</td>
<td>0.3-3.0%</td>
</tr>
</tbody>
</table>

| Substance with a Community workplace exposure limit. | Press. Gas: H280 | 0.3-3.0% |

COCO DIETHANOLAMIDE - REACH registered number(s): 01-2119490100-53

<table>
<thead>
<tr>
<th>EINECS</th>
<th>CAS</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>68603-42-9</td>
<td>-</td>
<td>0.3-3.0%</td>
</tr>
</tbody>
</table>

Eye Dam. 1: H318; Skin Irrit. 2: H315; Aquatic Chronic 2: H411

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. Transfer to hospital for specialist examination.
Ingestion: Wash out mouth with water.
Inhalation: Not applicable.

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

Skin contact: There may be irritation and redness at the site of contact.
Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: No data available.

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

Immediate / special treatment: No data available.

[cont...]
Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

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: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

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

Reference to other sections: Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection
8.1. Control parameters

Hazardous ingredients:

CARBON DIOXIDE AEROSOL PROPELLANT

<table>
<thead>
<tr>
<th>State</th>
<th>8 hour TWA</th>
<th>15 min. STEL</th>
<th>8 hour TWA</th>
<th>15 min. STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>UK</td>
<td>5000 ppm</td>
<td>9150 mg/m³</td>
<td>15000 ppm</td>
<td>27400 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

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

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves. Nitrile gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Environmental: No data available

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: >35

Melting point/range°C: 0

Flammability limits %: lower: No data available.

Flash point°C: >100

Part.coeff. n-octanol/water: No data available.

Autoignition temperature°C: >200

Vapour pressure: No data available.

Relative density: 1

pH: Approx. 7

VOC g/l: 0

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

[cont...]
10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: No data available.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

**COCO DIETHANOLAMIDE**

<table>
<thead>
<tr>
<th>Route</th>
<th>Hazard</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>DERMAL RAT</td>
<td>Serious eye damage/irritation</td>
<td>Hazardous: calculated</td>
</tr>
<tr>
<td>ORAL RAT</td>
<td>LD50</td>
<td>&gt;2000 ppmV</td>
</tr>
<tr>
<td></td>
<td>LD50</td>
<td>5000 mg/kg</td>
</tr>
</tbody>
</table>

Relevant hazards for product:

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Route</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious eye damage/irritation</td>
<td>OPT</td>
<td>Hazardous: calculated</td>
</tr>
</tbody>
</table>

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: No data available.

Section 12: Ecological information

12.1. Toxicity
Hazardous ingredients:

COCO DIETHANOLAMIDE

<table>
<thead>
<tr>
<th></th>
<th>72H IC50</th>
<th>48H EC50</th>
<th>96H LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALGAE</td>
<td>3.9 mg/l</td>
<td>3.2 mg/l</td>
<td>2.4 mg/l</td>
</tr>
<tr>
<td>DAPHNIA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FISH</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Recovery operations: No data available

Waste code number: 16 05 05

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: 2.2

14.4. Packing group

Packing group: n/a

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

14.5. Environmental hazards
Environmentally hazardous: No  Marine pollutant: No

14.6. Special precautions for user
Special precautions: No data available

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Transport in bulk: No data available.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
Specific regulations: No data available

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


Phrases used in s.2 and s.3:
H229: Pressurised container: May burst if heated.
H280: Contains gas under pressure; may explode if heated.
H315: Causes skin irritation.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H411: Toxic to aquatic life with long lasting effects.

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.