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

1.1. Product identifier

Product name: MOULD RELEASE SPRAY

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

Use of substance / mixture: PC24: Lubricants, greases, release products.

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 CLP: Eye Irrit. 2: H319; Flam. Aerosol 1: H222; -: H229

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

2.2. Label elements

Label elements:

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

Hazard pictograms: GHS02: Flame
GHS07: Exclamation mark
SAFETY DATA SHEET
MOULD RELEASE SPRAY

Signal words: Danger

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 sources. No smoking.
- P211: Do not spray on an open flame or other ignition source.
- P251: Do not pierce or burn, even after use.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P285: In case of inadequate ventilation wear respiratory protection.
- P264: Wash hands thoroughly after handling.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313: If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

Other hazards: Combustion may also generate: decomposition products that may lead to polymer fume fever (24 - 48 hr influenza-like symptoms).

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

HYDROCARBON AEROSOL PROPELLANT (<0.1% 1,3-BUTADIENE) - REACH registered number(s): EXEMPT

<table>
<thead>
<tr>
<th>EINECS</th>
<th>CAS</th>
<th>PBT / WEL</th>
<th>CLP Classification</th>
<th>Percent</th>
</tr>
</thead>
</table>

ACETONE - REACH registered number(s): 01-2119471330-49

<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>200-662-2</td>
<td>67-64-1</td>
<td>-</td>
<td>Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066</td>
<td>4-15.5%</td>
</tr>
</tbody>
</table>

PROPAN-2-OL - REACH registered number(s): 01-2119457558-25

<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>200-661-7</td>
<td>67-63-0</td>
<td>-</td>
<td>Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336</td>
<td>1-4%</td>
</tr>
</tbody>
</table>

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. Consult a doctor.
4.2. Most important symptoms and effects, both acute and delayed

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin contact</td>
<td>There may be irritation and redness at the site of contact.</td>
</tr>
<tr>
<td>Eye contact</td>
<td>There may be irritation and redness. The eyes may water profusely.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>There may be soreness and redness of the mouth and throat. May cause dizziness.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur.</td>
</tr>
</tbody>
</table>

Delayed / immediate effects: No data available.

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

Immediate / special treatment: No data available.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Do not use water. Alcohol resistant foam. Carbon dioxide. Dry chemical powder. 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. Eliminate all sources of ignition.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Do not use equipment in clean-up procedure which may produce sparks. 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

[cont...]
7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Smoking is forbidden.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep away from sources of ignition. Keep away from direct sunlight. Ensure lighting and electrical equipment are not a source of ignition.

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:

ACETONE

Workplace exposure limits: Respirable dust

<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>1210 mg/m³</td>
<td>3620 mg/m³</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

PROPAN-2-OL

<table>
<thead>
<tr>
<th>State</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>UK</td>
<td>400 ppm, 999 mg/m³</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: Respiratory protection not normally required.

Hand protection: Protective gloves.
SAFETY DATA SHEET
MOULD RELEASE SPRAY

Eye protection: Safety glasses with side-shields.
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:** White
- **Odour:** Sweet-smelling
- **Evaporation rate:** Fast
- **Oxidising:** Non-oxidising (by EC criteria)
- **Solubility in water:** Soluble
- **Viscosity:** Non-viscous
- **Boiling point/range°C:** <0
- **Melting point/range°C:** <-130
- **Flammability limits %:**
  - lower: 1.8
  - upper: 9.4
- **Flash point°C:** -104
- **Part.coeff. n-octanol/water:** No data available.
- **Vapour pressure:** No data available.
- **Relative density:** <1
- **pH:** No data available.
- **VOC g/l:** 572

9.2. Other information

Other information: No data available.

### Section 10: Stability and reactivity

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: 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. In combustion emits toxic fumes of hydrogen fluoride. Combustion may also generate: decomposition products that may lead to polymer fume fever (24 - 48 hr influenza-like symptoms).

[cont...]
Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

<table>
<thead>
<tr>
<th>Acetone</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>IVN</td>
<td>RAT</td>
<td>LD50</td>
<td>5500 mg/kg</td>
</tr>
<tr>
<td>ORL</td>
<td>MUS</td>
<td>LD50</td>
<td>3 gm/kg</td>
</tr>
<tr>
<td>ORL</td>
<td>RAT</td>
<td>LD50</td>
<td>5800 mg/kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Propan-2-ol</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>IVN</td>
<td>RAT</td>
<td>LD50</td>
<td>1088 mg/kg</td>
</tr>
<tr>
<td>ORL</td>
<td>MUS</td>
<td>LD50</td>
<td>3600 mg/kg</td>
</tr>
<tr>
<td>ORL</td>
<td>RAT</td>
<td>LD50</td>
<td>5045 mg/kg</td>
</tr>
<tr>
<td>SCU</td>
<td>MUS</td>
<td>LDLO</td>
<td>6 gm/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 irritation and redness. The eyes may water profusely.
- **Ingestion:** There may be soreness and redness of the mouth and throat. May cause dizziness.
- **Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur.

Delayed / immediate effects: No data available.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

<table>
<thead>
<tr>
<th>Acetone</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BLUEGILL (Lepomis macrochirus)</td>
<td>LC50</td>
<td>8300 mg/l</td>
<td></td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

Persistence and degradability: Only slightly biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

[cont...]
12.4. Mobility in soil

Mobility: Highly volatile. Soluble in water.

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: No data available.

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, FLAMMABLE

14.3. Transport hazard class(es)

Transport class: 2.1

14.4. Packing group

Packing group: n/a

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

[cont...]
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

Other information:

Other information: Contains only FDA listed ingredients. NSF H1 registered.
This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.
Compiled in accordance with REACH.

Phrases used in s.2 and s.3:
EUH066: Repeated exposure may cause skin dryness or cracking.
H220: Extremely flammable gas.
H222: Extremely flammable aerosol.
H225: Highly flammable liquid and vapour.
H229: Pressurised container: May burst if heated.
H280: Contains gas under pressure; may explode if heated.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.

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.