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

1.1. Product identifier

Product name: COMMA - CONTACT CLEAN AEROSOL
Product code: CCL500M

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

Use of substance / mixture: Service spray.

1.3. Details of the supplier of the safety data sheet

Company name: Comma Oil & Chemicals Ltd.
Dering Way
Gravesend
Kent
DA12 2QX
Tel: +44 01474 564311
Fax: +44 01474 333000
Email: sales@commaoil.com

1.4. Emergency telephone number

Emergency tel: +44 01474 564311

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: F+: R12; Xi: R38; N: R51/53; -: R67

Most important adverse effects: Extremely flammable. Irritating to skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness.

2.2. Label elements

Label elements under CHIP:

Hazard symbols: Extremely flammable.
Irritant.
Dangerous for the environment.

Risk phrases: R12: Extremely flammable.
R38: Irritating to skin.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67: Vapours may cause drowsiness and dizziness.

Safety phrases: S2: Keep out of the reach of children.
S23: Do not breathe aerosol.

[cont...]
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S29/56: Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
S46: If swallowed, seek medical advice immediately and show this container or label.  
S51: Use only in well-ventilated areas.

Precautionary phrases: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

2.3. Other hazards

Other hazards: In use, may form flammable / explosive vapour-air mixture. 
PBT: This substance is not identified as a PBT substance.

Section 3: Composition/ information on ingredients

3.2. Mixtures

Hazardous ingredients:
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT (<0.1% BENZOL CAS NR. 71-43-2)

<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>265-151-9</td>
<td>64742-49-0</td>
<td>F: R11; Xi: R38; N: R51/53; Xn: R65; -: R67</td>
<td>-</td>
<td>60-90%</td>
</tr>
</tbody>
</table>

PROPAN-2-OL

<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>200-661-7</td>
<td>67-63-0</td>
<td>F: R11; Xi: R36; -: R67</td>
<td>-</td>
<td>10-30%</td>
</tr>
</tbody>
</table>

CARBON DIOXIDE

<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>&lt;1%</td>
</tr>
</tbody>
</table>

Contains: Hazardous ingredients present at or above regulatory disclosure limits.

Section 4: First aid measures

4.1. Description of first aid measures

**Skin contact**: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact**: Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion**: Do not induce vomiting. If conscious, give half a litre of water to drink immediately. 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

**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.

[cont...]
Inhalation: No symptoms.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media


5.2. Special hazards arising from the substance or mixture

Exposure hazards: Highly flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

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. 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: Do not use equipment in clean-up procedure which may produce sparks. Absorb into dry earth or sand. Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Smoking is forbidden. Use non-sparking tools. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

7.3. Specific end use(s)

Specific end use(s): No special requirement.
Section 8: Exposure controls / personal protection

8.1. Control parameters

Hazardous ingredients:

PROPN-2-OL

<table>
<thead>
<tr>
<th>State</th>
<th>8 hour TWA</th>
<th>15 min. STEL</th>
<th>Respirable dust</th>
</tr>
</thead>
<tbody>
<tr>
<td>UK</td>
<td>999 mg/m³</td>
<td>1250 mg/m³</td>
<td>-</td>
</tr>
</tbody>
</table>

CARBON DIOXIDE

<table>
<thead>
<tr>
<th>State</th>
<th>8 hour TWA</th>
<th>15 min. STEL</th>
<th>Respirable dust</th>
</tr>
</thead>
<tbody>
<tr>
<td>UK</td>
<td>5000 ppm</td>
<td>15000 ppm</td>
<td>-</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 required.

Hand protection: Nitrile gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Aerosol
Odour: Characteristic odour
Solubility in water: Insoluble
Flash point°C: <0
Vapour pressure: 330 hPa @ 20 C
Relative density: 0.729 @ 20 C

9.2. Other information

Other information: Not applicable.

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: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids. Strong bases.

10.6. Hazardous decomposition products

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

Section 11: Toxicological information

11.1. Information on toxicological effects

Relevant effects for mixture:

<table>
<thead>
<tr>
<th>Effect</th>
<th>Route</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Irritation</td>
<td>DRM</td>
<td>Hazardous: calculated</td>
</tr>
</tbody>
</table>

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.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: Not applicable.

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: 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 as normal industrial waste.

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

Section 14: Transport information

[cont...]
SAFETY DATA SHEET
COMMA - CONTACT CLEAN AEROSOL

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: Yes
Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.
Tunnel code: D
Transport category: 2

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

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

Phrases used in s.2 and 3:
R11: Highly flammable.
R12: Extremely flammable.
R36: Irritating to eyes.
R38: Irritating to skin.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65: Harmful: may cause lung damage if swallowed.
R67: Vapours may cause drowsiness and 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.