

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

1.1. Product identifier

Product name: COMMA - RELEASE OIL AEROSOL

Product code: RO500

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; -: R66; -: R67

Classification under CLP: Flam. Aerosol 1: H222; STOT SE 3: H336; -: H229; -: EUH066

Most important adverse effects: Extremely flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

2.2. Label elements

Label elements under CLP:

Hazard statements: H222: Extremely flammable aerosol.

H229: Pressurised container: May burst if heated

H336: May cause drowsiness or dizziness.

EUH066: Repeated exposure may cause skin dryness or cracking.

Signal words: Danger

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark



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Precautionary statements: P102: Keep out of reach of children.
P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P211: Do not spray on an open flame or other ignition source.
P251: Pressurized container: Do not pierce or burn, even after use.
P260: Do not breathe vapours.
P271: Use only outdoors or in a well-ventilated area.
P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

Label elements under CHIP:

Hazard symbols: Extremely flammable.



Risk phrases: R12: Extremely flammable.
R66: Repeated exposure may cause skin dryness or cracking.
R67: Vapours may cause drowsiness and dizziness.

Safety phrases: S2: Keep out of the reach of children.
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 product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

NAPHTHA (PETROLEUM), HYDROTREATED HEAVY #1 - REACH registered number(s): 01-2119463258-33

| EINECS | CAS | CHIP Classification | CLP Classification | Percent |
|-----------|------------|--|--|---------|
| 265-150-3 | 64742-48-9 | -: R10; Xn: R65; -: R66; -: R67 Substance with a Community workplace exposure limit. | Flam. Liq. 3: H226; STOT SE 3: H336; Asp. Tox. 1: H304; -: EUH066 | 50-70% |

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PROPANE - REACH registered number(s): 01-2119486944-21

| | | | | |
|-----------|---------|---|-------------------------------------|--------|
| 200-827-9 | 74-98-6 | F+: R12 Substance with a Community workplace exposure limit. | Flam. Gas 1: H220; Press. Gas: H280 | 10-30% |
|-----------|---------|---|-------------------------------------|--------|

BUTANE - REACH registered number(s): 01-2119474691-32

| | | | | |
|-----------|----------|---|-------------------------------------|-------|
| 203-448-7 | 106-97-8 | F+: R12 Substance with a Community workplace exposure limit. | Flam. Gas 1: H220; Press. Gas: H280 | 1-10% |
|-----------|----------|---|-------------------------------------|-------|

ISOBUTANE - REACH registered number(s): 01-2119485395-27

| | | | | |
|-----------|---------|---|-------------------------------------|-------|
| 200-857-2 | 75-28-5 | F+: R12 Substance with a Community workplace exposure limit. | Flam. Gas 1: H220; Press. Gas: H280 | 1-10% |
|-----------|---------|---|-------------------------------------|-------|

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

Section 4: First aid measures

4.1. Description of first aid measures

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Do not induce vomiting.

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

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

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

Extinguishing media: Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Extremely 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.

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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.

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. 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. 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:

NAPHTHA (PETROLEUM), HYDROTREATED HEAVY #1

Workplace exposure limits:

Respirable dust

| State | 8 hour TWA | 15 min. STEL | 8 hour TWA | 15 min. STEL |
|-------|-------------------------|--------------|------------|--------------|
| EU | 1000 mg/cm ³ | - | - | - |

PROPANE

| | | | | |
|----|------------------------|------------------------|---|---|
| UK | 1800 mg/m ³ | 7200 mg/m ³ | - | - |
|----|------------------------|------------------------|---|---|

BUTANE

| | | | | |
|----|------------------------|------------------------|---|---|
| UK | 1450 mg/m ³ | 1810 mg/m ³ | - | - |
|----|------------------------|------------------------|---|---|

ISOBUTANE

| | | | | |
|----|------------------------|------------------------|---|---|
| UK | 2400 mg/m ³ | 9600 mg/m ³ | - | - |
|----|------------------------|------------------------|---|---|

8.1. DNEL/PNEC Values

DNEL / PNEC No data available.

[cont...]

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8.2. Exposure controls

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

Respiratory protection: Respiratory protection not required.

Eye protection: Safety glasses.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Aerosol

Colour: Black

Odour: Characteristic odour

Oxidising: Non-oxidising (by EC criteria)

Flammability limits %: lower: 0.8

upper: 9.0

Flash point °C: <0

Relative density: 0.71 @ 20 C

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: 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

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

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

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Hazardous ingredients:

BUTANE

| | | | | |
|---|-----|---------|-----|-------|
| - | RAT | 4H LC50 | 658 | mg/m3 |
|---|-----|---------|-----|-------|

Toxicity values: No data available.

Symptoms / routes of exposure

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

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 product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Harmful to aquatic organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

Waste code number: 15 01 04

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

14.1. UN number

UN number: UN1950

14.2. UN proper shipping name

Shipping name: AEROSOLS

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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

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

Specific regulations: - -

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

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

This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.

Phrases used in s.2 and 3: EUH066: Repeated exposure may cause skin dryness or cracking.

H220: Extremely flammable gas.

H222: Extremely flammable aerosol.

H226: Flammable liquid and vapour.

H229: Pressurised container: May burst if heated

H304: May be fatal if swallowed and enters airways.

H336: May cause drowsiness or dizziness.

R10: Flammable.

R12: Extremely flammable.

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

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. - - -