



## SAFETY DATA SHEET

BRAKE CLEAN (AEROSOL)

Page 1

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Revision No: 12

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Product name:** BRAKE CLEAN (AEROSOL)  
**Product code:** BC500M  
**Company name:** Comma Oil & Chemicals Ltd.  
Dering Way  
Gravesend  
Kent  
DA12 2QX  
Tel: +44 01474 564311  
Fax: +44 01474 333000

### 2. HAZARDS IDENTIFICATION

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

**Other hazards:** In use, may form flammable / explosive vapour-air mixture.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** NAPHTHA (PETROLEUM), HYDROTREATED LIGHT >60%

CAS: 64742-49-0.

[F] R11; [Xi] R38; [N] R51/53; [Xn] R65; [-] R67

- ACETONE 30-60%

EINECS: 200-662-2 CAS: 67-64-1

[F] R11; [Xi] R36; [-] R66; [-] R67

- 1-METHOXY-2-PROPANOL 5-10%

EINECS: 203-539-1 CAS: 107-98-2

[-] R10

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

### 4. FIRST AID MEASURES (SYMPTOMS)

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

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** Exposure may cause coughing or wheezing. Drowsiness or mental confusion may occur.

### 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Wash immediately with plenty of soap and water.

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

**Ingestion:** Wash out mouth with water.

[cont...]

**SAFETY DATA SHEET**

BRAKE CLEAN (AEROSOL)

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

**5. FIRE-FIGHTING MEASURES**

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

**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.

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

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

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

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

**7. HANDLING AND STORAGE**

**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. Smoking is forbidden.

**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.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Hazardous ingredients:** ACETONE

WEL (8 hr TWA): 1210 mg/m<sup>3</sup> WEL (15 min STEL): 3620 mg/m<sup>3</sup>

- 1-METHOXY-2-PROPANOL

WEL (8 hr TWA): 375 mg/m<sup>3</sup> WEL (15 min STEL): 560 mg/m<sup>3</sup>

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

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses.

**Skin protection:** Protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Aerosol

**Colour:** Colourless

**Odour:** Characteristic odour

**Solubility in water:** Insoluble

**Flash point°C:** < 21

**Vapour pressure:** 330 hPa @ 20 °C

[cont...]

**SAFETY DATA SHEET**

BRAKE CLEAN (AEROSOL)

Relative density: 0.747 @ 20 C

**10. STABILITY AND REACTIVITY****Stability:** Stable under normal conditions. Stable at room temperature.**Conditions to avoid:** Heat. Hot surfaces. Sources of ignition. Flames.**Materials to avoid:** Strong oxidising agents. Strong acids.**Haz. decomp. products:** In combustion emits toxic fumes.**11. TOXICOLOGICAL INFORMATION****Hazardous ingredients:** ACETONE

IVN RAT LD50 5500 mg/kg

ORL MUS LD50 3 gm/kg

ORL RAT LD50 5800 mg/kg

- 1-METHOXY-2-PROPANOL

IVN RAT LD50 4200 mg/kg

ORL MUS LD50 11700 mg/kg

ORL RAT LDLO 3739 mg/kg

**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.**12. ECOLOGICAL INFORMATION****Mobility:** Readily absorbed into soil.**Persistence and degradability:** No data available.**Bioaccumulative potential:** No data available.**13. DISPOSAL CONSIDERATIONS****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.**14. TRANSPORT INFORMATION****ADR / RID****UN no:** 1950**ADR Class:** 2**Classification code:** 5F**Shipping name:** AEROSOLS**Labelling:** 2.1

**SAFETY DATA SHEET**

BRAKE CLEAN (AEROSOL)

**IMDG / IMO****UN no:** 1950**Class:** 2**EmS:** F-D,S-U**Marine pollutant:** .**Labelling:** 2.1**IATA / ICAO****UN no:** 1950**Class:** 2**Labelling:** 2.1**15. REGULATORY INFORMATION**

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



**Risk phrases:** R12: Extremely flammable.  
R36/38: Irritating to eyes and 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.  
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.

**Haz. ingredients (label):** NAPHTHA (PETROLEUM), HYDROTREATED LIGHT; ACETONE

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

## 16. OTHER INFORMATION

**Risk phrases used in s.3:** R11: Highly flammable.

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.

R36: Irritating to eyes.

R66: Repeated exposure may cause skin dryness or cracking.

R10: Flammable.

**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.