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## SAFETY DATA SHEET

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

- Product Name: BRAKE CLEANER MP
- Product Part Number: AER008
- UFI: VMUE-G0HH-G009-S23K

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

- Use of the substance/mixture: Solvent cleaner
- Use advised against: Do not use in any other application., For specific application information consult Technical Data Sheet.

#### 1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Aztec Oils Ltd
- Address of Supplier: Intake Road  
Bolsover Business Park,  
Bolsover,  
Derbyshire,  
S44 6BB,  
UK
- Telephone: +44 (0)1246 823007  
Mon-Thurs 08:00 - 17:00  
Fri 08:00 - 16:00, GMT/BST
- Email: Technical@aztecoils.co.uk
- Name of Supplier: Aztec Oils Europe BV
- Address of Supplier: Centraleweg 11-E  
4931 NA  
Geertruidenberg  
THE NETHERLANDS
- Telephone: +31 (0)162-51 93 95  
Mon - Fri 08:30 - 17:00
- Email: Info@aztecoilseurope.nl

#### 1.4 Emergency telephone number

- Emergency Telephone:
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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

- CLP: Flam. Aerosol 1, Skin Irrit. 2, STOT SE 3, Aquatic Chronic 2
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### SECTION 2: Hazards identification (....)

#### 2.2 Label elements



- Signal Word: Warning

##### 2.2.1 Hazard statements

Extremely flammable aerosol (H222).

Pressurised container: May burst if heated (H229).

Causes skin irritation (H315).

May cause drowsiness or dizziness (H336).

Toxic to aquatic life with long lasting effects (H411).

Contains: HYDROCARBONS C6-C7 N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE; HYDROCARBONS C6 ISOALKANES <5% N-HEXANE

##### 2.2.2 Precautionary statements

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking (P210).

Do not spray on an open flame or other ignition source (P211).

Wear protective gloves/protective clothing/eye protection/face protection (P280).

IF ON SKIN: Gently wash with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention. P302 + 350: P332 + 313

Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F (P410+P412).

Do not pierce or burn, even after use (P251).

Avoid release to the environment (P273).

Dispose of contents/container to an authorised waste collection point (P501)

#### 2.3 Other hazards

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

##### 3.2.1 Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

CAS Number: Not applicable

EC Number: 921-024-6

REACH Registration Number: 01-2119475514-35

Index No.: Not applicable

Specific Concentration Limits: Not applicable

M factor: Not applicable

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**SECTION 3: Composition/information on ingredients (....)**

Concentration: 30 - 60%  
H Statements: H225, H304, H315, H336, H411  
Categories: Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2

## 3.2.2 Petroleum gases, liquefied; Petroleum gas, &lt;0.1% 1,3-Butadiene

CAS Number: 68476-85-7  
EC Number: 270-704-2  
REACH Registration Number: 01-2119485911-31  
Index No.: Not applicable  
Specific Concentration Limits: Not applicable  
M factor: Not applicable  
Concentration: 30 - 60%  
H Statements: H220, H280  
Categories: Flam. Gas 2, Press. Gas

## 3.2.3 Hydrocarbons, C6, isoalkanes, &lt;5% n-hexane

CAS Number: 64742-49-0  
EC Number: 931-254-9  
REACH Registration Number: 01-2119484651-34  
Index No.: Not applicable  
Specific Concentration Limits: Not applicable  
M factor: Not applicable  
Concentration: 10 - 30%  
H Statements: H225;H304;H315;H336;H411  
Categories: Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2

**SECTION 4: First aid measures**

## 4.1 Description of first aid measures

## 4.1.1 Inhalation

If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air, keep warm and at rest in a position comfortable for breathing. If breathing stops provide artificial respiration. Keep the affected person warm and at rest. Get prompt medical attention.

## 4.1.2 Contact with eyes

Rinse immediately with plenty of water. Remove any contact lenses if easy to do so and open eye lids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

## 4.1.3 Contact with skin

Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water

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### SECTION 4: First aid measures (....)

If skin irritation occurs: Get medical advice/attention.

#### 4.1.4 Ingestion

Rinse mouth thoroughly with water. DO NOT induce vomiting. Get medical attention immediately.

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

##### 4.2.1 Inhalation

May cause redness and irritation

May cause dizziness, confusion, headache or stupor

##### 4.2.2 Contact with eyes

May cause redness and irritation

##### 4.2.3 Contact with skin

Causes skin irritation.

If skin irritation or rash occurs: Get medical advice/attention.

##### 4.2.4 Ingestion

May cause gastro-intestinal disturbances

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

- Treat symptomatically

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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

- Extinguishing media: carbon dioxide, foams, inert powder

#### 5.2 Special hazards arising from the substance or mixture

- Containers can burst violently or explode when heated, due to excessive pressure build-up. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back. Containers can burst violently or explode when heated, due to excessive pressure build-up. Extremely flammable. Forms explosive mixtures with air.
- Inform Fire Brigade of potential danger of exploding and rocketing cylinders

#### 5.3 Advice for firefighters

- Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours.

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### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

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### SECTION 6: Accidental release measures (....)

- Provide adequate ventilation. Use suitable respiratory protection if ventilation is inadequate. Avoid inhalation of vapours.

#### 6.2 Environmental precautions

- Avoid the spillage or runoff entering drains, sewers or watercourses. Contain spillage with sand, earth or other suitable non-combustible material.

#### 6.3 Methods and material for containment and cleaning up

- Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Leave small quantities to evaporate, if safe to do so. Do not allow material to enter confined spaces, due to the risk of explosion. Absorb spillage with non-combustible, absorbent material.

#### 6.4 Reference to other sections

- See Section 1 for emergency contact information.  
See Section 5 for firefighting measures.  
See Section 8 for information on appropriate personal protective equipment.  
See Section 12 for environmental precautions.  
See Section 13 for additional waste treatment information.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Do not spray on naked flame or any incandescent material
- Do not spray on an open flame or other ignition source.
- Dispose of contents/container to an authorised waste collection point

#### 7.2 Conditions for safe storage, including any incompatibilities

- Keep away from oxidisers, heat, flames or ignition sources
- Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 °C
- Keep away from acids and alkalis
- Do not pierce or burn, even after use. Extremely flammable.

#### 7.3 Specific end use(s)

- See Section 1

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Substances

Chemical Name	STEL	WEL
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### SECTION 8: Exposure controls/personal protection (....)

Petroleum gases, liquefied; Petroleum gas, <0.1% 1,3-Butadiene	2180 mg/m <sup>3</sup> (UK)	1750 mg/m <sup>3</sup> (UK)
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#### Substances

Chemical Name	DNEL (Industry; inhalational, long term systemic effects)	DNEL (Industry; dermal, long term systemic effects)	DNEL (Industry; oral, long term systemic effects)
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	2035 mg/m <sup>3</sup>	773 mg/kg bw/day	- mg/kg bw/day
Hydrocarbons, C6, isoalkanes, <5% n-hexane	5306 mg/m <sup>3</sup>	13964 mg/kg bw/day	- mg/kg bw/day

#### Substances

Chemical Name	DNEL (Consumer; inhalational, long term systemic effects)	DNEL (Consumer; dermal, long term systemic effects)	DNEL (Industry; oral, long term systemic effects)
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	608 mg/m <sup>3</sup>	699 mg/kg bw/day	699 mg/kg bw/day
Hydrocarbons, C6, isoalkanes, <5% n-hexane	1131 mg/m <sup>3</sup>	1377 mg/kg bw/day	1301 mg/kg bw/day

#### 8.2 Exposure controls

- A full risk assessment should be undertaken before handling this material.
- Engineering Controls: Provide adequate ventilation. Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients.
- Personal Protection : Do not eat, drink or smoke when using this product.

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### SECTION 8: Exposure controls/personal protection (....)

- Hand Protection: Due to the packaging form, aerosol, risk of skin contact is small. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacture, who can provide information about the breakthrough time of the glove material.
- Hygiene Measures: Wash hands after handling. Wash promptly if skin becomes contaminated. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Use appropriate hand lotion to prevent defatting and cracking of skin.
- Respiratory Protection: If ventilation is inadequate, suitable respiratory protection must be worn.

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

- Physical state: Aerosol
- Colour: Colourless
- Odour: Characteristic odour
- Density: 0.646
- Boiling Point/Range: -41 (-41 TO 95)°C
- Flashpoint: -40°C PMCC
- Vapour Pressure: No information available
- Autoflammability: 413°C
- Lower flammability limit 1.0% (in air)
- Upper flammability limit 9.5% (in air)

#### 9.2 Other information

- The figures in this section are for guidance only please always use them in conjunction with the technical data sheet.

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

- Stable under normal temperature conditions and recommended use.
- Pressurised container. May burst if heated.

#### 10.2 Chemical stability

- Avoid heat, sparks and flames.

#### 10.3 Possibility of hazardous reactions

- No information available

#### 10.4 Conditions to avoid

- Avoid ignition sources. Heat. Sparks. Open flame. Direct sunlight. Extremely high or low temperatures.

#### 10.5 Incompatible materials

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### SECTION 10: Stability and reactivity (....)

- None known.

#### 10.6 Hazardous decomposition products

- No information available

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### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

##### 11.1.1 Inhalation

Vapours may cause drowsiness and dizziness  
May cause dizziness, confusion, headache or stupor

##### 11.1.2 Contact with eyes

May cause redness and irritation

##### 11.1.3 Contact with skin

Causes skin irritation.

##### 11.1.4 Ingestion

May cause gastro-intestinal disturbances

#### 11.2 Information on other hazards

- May cause irregular pulse

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### SECTION 12: Ecological information

#### 12.1 Toxicity

- No experimental data available

#### 12.2 Persistence and degradability

- No data available.

#### 12.3 Bioaccumulative potential

- Not determined.

#### 12.4 Mobility in soil

- No data available.

#### 12.5 Results of PBT and vPvB assessment

- This product does not contain any PBT or vPvB substances.

#### 12.6 Endocrine disrupting properties

- Not applicable

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### SECTION 12: Ecological information (...)

#### 12.7 Other adverse effects

- None Known

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

- Do not pierce or burn even after use.
- Dispose of contents/container to an authorised waste collection point
- EWC NUMBER: Allocation of a waste code number in accordance with the European Waste Catalogue, should be carried out in agreement with an EA authorised waste disposal company.
- Where possible, arrange for product to be recycled.

### SECTION 14: Transport information



#### 14.1 UN number or ID number

- UN No.: 1950

#### 14.2 UN proper shipping name

- Proper Shipping Name: AEROSOLS

#### 14.3 Transport hazard class(es)

- Hazard Class: 2

#### 14.4 Packing group

- Packing Group: Not applicable.

#### 14.5 Environmental hazards

- Marine Pollutant
- ENVIRONMENTALLY HAZARDOUS

#### 14.6 Special precautions for user

- EmS: F-D, S-U
- ADR transport category: 2
- Tunnel restriction code: (D)

#### 14.7 Maritime transport in bulk according to IMO instruments

- Not applicable

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**SECTION 15: Regulatory information**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Regulation (EC) No 1907/2006 of the European Parliament and the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
- Regulation (EC) No 1272/2008 of the European Parliament and the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
- The Aerosol Dispensers Directive 75/324/EEC, as amended.
- THE AEROSOL DISPENSERS REGULATIONS 2009

15.2 Chemical safety assessment

- A chemical safety assessment (CSA) for this product has not yet been completed

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**SECTION 16: Other information**

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H220: Extremely flammable gas. H225: Highly flammable liquid and vapour. H280: Contains gas under pressure; may explode if heated. H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation. H336: May cause drowsiness or dizziness. H411: Toxic to aquatic life with long lasting effects.

Disclaimer

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

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