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SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: MAINTENANCE MP SPRAY
- Product Part Number: AER001

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

- Use of the substance/mixture: Penetrant, Maintenance spray
- 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
Monday-Thursday 08:00 - 17:00
Friday 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
Monday - Friday 08:30 - 17:00
- Email: Info@aztecoilseurope.nl

1.4 Emergency telephone number

- Emergency Telephone: For UK and Northern Ireland Tel: 999 or 101., For ROI dial 999 or 112

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Flam. Aerosol 1

2.2 Label elements

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SECTION 2: Hazards identification (....)



- Signal Word: Danger

2.2.1 Hazard statements

Extremely flammable aerosol (H222).

Pressurised container: May burst if heated (H229).

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).

Pressurised container, do not pierce or burn, even after use. (P251)

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

Keep out of reach of children (P102).

Do not breathe dust/fume/gas/mist/vapours/spray (P260).

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

2.3 Other hazards

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

SECTION 3: Composition/information on ingredients

3.2 Mixtures

3.2.1 Petroleum gases, liquefied; <0.1% 1,3-Butadiene

CAS Number: 68476-85-7

EC Number: 270-704-2

REACH Registration Number: 01-2119485911-31

Index No.: 649-202-00-6

Specific Concentration Limits: Not assigned.

M factor, acute: Not applicable.

M factor, chronic: Not applicable.

Concentration: 30 - 60%

H Statements: H220, H280

Categories: Flam. Gas 2, Press. Gas

3.2.2 Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclic, <2% aromatics

CAS Number: Not applicable.

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

EC Number: 926-141-6
REACH Registration Number: 01-2119456620-43
Index No.: Not applicable.
Specific Concentration Limits: Not assigned.
M factor, acute: Not applicable.
M factor, chronic: Not applicable.
Concentration: 30 - 60%
H Statements: H304
Categories: Asp. Tox. 1

3.2.3 2-(2-butoxyethoxy)ethanol

CAS Number: 112-34-5
EC Number: 203-961-6
REACH Registration Number: 01-2119475104-44
Index No.: 601-029-00-7
Specific Concentration Limits: Not assigned.
M factor, acute: Not applicable.
M factor, chronic: Not applicable.
Concentration: <1%
H Statements: H319
Categories: Eye Irrit. 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

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Check for and remove any contact lenses (if easy to do so). 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.

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

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

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

May cause redness and irritation.

4.2.4 Ingestion

May cause gastro-intestinal disturbances.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment should be symptomatic and directed to relieving any effects.

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. 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.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- 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

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

- 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	WEL (short term)	WEL (long term)
Petroleum gases, liquefied; Petroleum gas	2180 mg/m ³ (UK) 2250 mg/m ³ (IE)	1750 mg/m ³ (UK) 1800 mg/m ³ (IE)
Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclic, <2% aromatics		1200 mg/m ³ (UK) 1200 mg/m ³ (IE)
2-(2-butoxyethoxy)ethanol	101.2 mg/m ³ (UK) 101.2 mg/m ³ (IE)	67.5 mg/m ³ (UK) 67.5 mg/m ³ (IE)

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

Substances

Chemical Name	DNEL (Industry; inhalational, long term systemic effects)	DNEL (Industry; dermal, long term systemic effects)	DNEL (Industry; oral, long term systemic effects)	DNEL (Industry; inhalational, long term local effects)	DNEL (Industry; inhalational, short term local effects)
2-(2-butoxyethoxy)ethanol	- mg/m ³	- mg/kg bw/day	- mg/kg bw/day	67.5 mg/m ³	101.2 mg/m ³

Substances

Chemical Name	DNEL (Consumer; inhalational, long term systemic effects)	DNEL (Consumer; dermal, long term systemic effects)	DNEL (Consumer; oral, long term systemic effects)
2-(2-butoxyethoxy)ethanol	- mg/m ³	- mg/kg bw/day	6.25 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.
- 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/manufacturer, 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: Amber, brown
- Odour: Characteristic odour



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SECTION 9: Physical and chemical properties (....)

- Density: 0.68
- Boiling Point/Range: -41°C
- Flashpoint: -40°C PMCC
- Vapour Pressure: No information available.
- Autoflammability: 225°C
- Lower flammability limit 0.6% (in air)
- Upper flammability limit 9.5% (in air)

9.2 Other information

- No information available.

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, flames and other sources of ignition.

10.3 Possibility of hazardous reactions

- None known.

10.4 Conditions to avoid

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

10.5 Incompatible materials

- None known.

10.6 Hazardous decomposition products

- None under normal processing.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- No experimental data available.

Substances

Chemical Name	LC ₅₀ (inhalation, rat)	LD ₅₀ (dermal, rabbit)	LD ₅₀ (oral, rat)



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SECTION 11: Toxicological information (....)

Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclic, <2% aromatics	4.9 mg/l	>5000 mg/kg	>5000 mg/kg
2-(2-butoxyethoxy)ethanol	29 mg/l	>2000 mg/kg	>2000 mg/kg

11.1.1 Inhalation

May cause irritation.

May cause dizziness, confusion, headache or stupor.

11.1.2 Contact with eyes

May cause redness and irritation.

11.1.3 Contact with skin

May cause redness and irritation.

11.1.4 Ingestion

May cause gastro-intestinal disturbances.

11.2 Information on other hazards

- May cause irregular pulse.

SECTION 12: Ecological information

12.1 Toxicity

- No experimental data available.

12.2 Persistence and degradability

- No experimental data available.

12.3 Bioaccumulative potential

- Bioaccumulative potential: No information available.
- Partition Coefficient (n-Octanol/Water): No experimental data available.

12.4 Mobility in soil

- No experimental 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.

12.7 Other adverse effects

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SECTION 12: Ecological information (....)

- No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Do not pierce or burn even after use.
- Dispose of in compliance with all local and national regulations.
- Where possible, arrange for product to be recycled.

13.2 Classification

- For classification and assessment of waste, refer to technical guidance WM3 (Appendix A) or EWC (European Waste Catalogue) codes for hazardous and non-hazardous waste, where appropriate.

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)

- ADR Hazard Class: 2.1
- ADR Classification Code: 5F
- ADR-RID Labels: 2.1
- IMDG Hazard Class: 2.1
- ICAO Division: 2.1

14.4 Packing group

- Packing Group: Not applicable.

14.5 Environmental hazards

- Not classified.

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

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SECTION 14: Transport information (....)

- Not applicable.

SECTION 15: Regulatory information

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

- This Safety Data Sheet is provided in compliance with the EC Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878
- This SDS has been compiled according to UK SI 2019/758 and EC 1272/2008 as amended in the UK.
- The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824).
- The Aerosol Dispensers Regulations 2009 implement Council Directive 75/324/EEC, as amended.

15.2 Chemical safety assessment

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

SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H220: Extremely flammable gas. H280: Contains gas under pressure; may explode if heated. H304: May be fatal if swallowed and enters airways. H319: Causes serious eye irritation.

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