



# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 04.08.2026

Version number 3.0 (replaces version 2.0)

Revision: 01.08.2026

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

#### 1.1 Product identifier

**Trade name:** ATE BRAKE CLEANER PRO

**Article number:** 03.9901-81xx.x / 7081xx

**UFI:** MQ00-709A-F00E-452F

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

No further relevant information available.

**Application of the substance / the mixture** Cleaning agent/ Cleaner

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

##### Manufacturer/Supplier:

AUMOVIO Aftermarket GmbH

Guerickestr. 7

60488 Frankfurt a. M.

Germany

Tel: +49-69-76031

##### Further information obtainable from:

Hazardous Substances Management Aftermarket, Central Materials Laboratory

ate.sicherheit@aumovio.com

#### 1.4 Emergency telephone number:

National Poisons Information Centre: +353 (1) 809 2166 (8.00 a.m. to 10.00 p.m. 7 days a week)

Healthcare Professionals: +353 (1) 809 2566 (24 hour service)

INFOTRAC

+1-352-323-3500 (International)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification according to Regulation (EC) No 1272/2008

|                   |           |                                                                          |
|-------------------|-----------|--------------------------------------------------------------------------|
| Aerosol 1         | H222-H229 | Extremely flammable aerosol. Pressurised container: May burst if heated. |
| Skin Irrit. 2     | H315      | Causes skin irritation.                                                  |
| STOT SE 3         | H336      | May cause drowsiness or dizziness.                                       |
| Asp. Tox. 1       | H304      | May be fatal if swallowed and enters airways.                            |
| Aquatic Chronic 2 | H411      | Toxic to aquatic life with long lasting effects.                         |

#### 2.2 Label elements

##### Labelling according to Regulation (EC) No 1272/2008

The product is classified according to the CLP regulation.

##### Hazard pictograms



GHS02 GHS07 GHS09

**Signal word** Danger

##### Hazard-determining components of labelling:

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

##### Hazard statements

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

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**Precautionary statements**

- P101 If medical advice is needed, have product container or label at hand.  
 P102 Keep out of reach of children.  
 P103 Read carefully and follow all instructions.  
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P211 Do not spray on an open flame or other ignition source.  
 P251 Do not pierce or burn, even after use.  
 P261 Avoid breathing spray.  
 P273 Avoid release to the environment.  
 P312 Call a POISON CENTER/doctor if you feel unwell.  
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

**Additional information:**

Buildup of explosive mixtures possible without sufficient ventilation.

**2.3 Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable**vPvB:** Not applicable**Determination of endocrine-disrupting properties** Not applicable

## SECTION 3: Composition/information on ingredients

**3.2 Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.**Dangerous components:**

|                                                   |                                                                                                                                                                                                                                                                            |             |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| EC number: 921-024-6<br>Reg.nr.: 01-2119475514-35 | Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5%<br>n-hexane<br>Consisting of: 64742-49-0 Naphtha (petroleum),<br>hydrotreated light; 110-54-3 n-hexane<br>Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2,<br>H411; Skin Irrit. 2, H315; STOT SE 3, H336 | 50 - < 100% |
| CAS: 124-38-9<br>EINECS: 204-696-9                | carbon dioxide<br>substance with a Community workplace exposure limit                                                                                                                                                                                                      | 3 - < 5%    |

**SVHC**

110-54-3 n-hexane

**Regulation (EC) No 648/2004 on detergents / Labelling for contents**

aliphatic hydrocarbons ≥30%

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: First aid measures

**4.1 Description of first aid measures****General information:**

Take off contaminated clothing and wash it before reuse.

Call a POISON CENTER/doctor if you feel unwell.

**After inhalation:**

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Seek medical treatment in case of complaints.

**After skin contact:**

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention.

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**After eye contact:**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

**After swallowing:**

Do NOT induce vomiting.

IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

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

Headache

Nausea

Vertigo

Dizziness

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

No further relevant information available.

## SECTION 5: Firefighting measures

**5.1 Extinguishing media****Suitable extinguishing agents:**

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**For safety reasons unsuitable extinguishing agents:** Water with full jet

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

Formation of toxic gases is possible in case of fire.

In case of fire: CO, CO<sub>2</sub>

**5.3 Advice for firefighters****Protective equipment:**

Do not inhale explosion gases or combustion gases.

Wear self-contained respiratory protective device.

**Additional information**

Cool endangered receptacles with water spray.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

## SECTION 6: Accidental release measures

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

Use respiratory protective device against the effects of fumes/dust/aerosol.

Wear protective equipment. Keep unprotected persons away.

Keep away from ignition sources.

**6.2 Environmental precautions:**

Do not allow product to reach sewage system or any water course.

Prevent from spreading (e.g. by damming-in or oil barriers).

**6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).

Dispose of the material collected according to regulations.

**6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## SECTION 7: Handling and storage

**7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.

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**Information about fire - and explosion protection:**

Do not spray onto a naked flame or any incandescent material.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

Protect against electrostatic charges.

**7.2 Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by storerooms and receptacles:**

Store in a well-ventilated place. Keep container tightly closed.

Store cool and dry.

Observe official regulations on storing packagings with pressurised containers.

**Information about storage in one common storage facility:**

Separation of self-igniting and flammable substances.

Store away from oxidising agents.

Store away from foodstuffs.

**Further information about storage conditions:**

Do not seal receptacle gas tight.

Store under lock and key and out of the reach of children.

Protect from frost.

**7.3 Specific end use(s)** No further relevant information available.**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:****124-38-9 carbon dioxide**

|       |                                                    |
|-------|----------------------------------------------------|
| OEL   | Long-term value: 9000 mg/m <sup>3</sup> , 5000 ppm |
| IOELV |                                                    |

**8.2 Exposure controls****Appropriate engineering controls** No further data; see section 7.**Individual protection measures, such as personal protective equipment****General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

Use skin protection cream for skin protection.

**Respiratory protection:**

If occupational exposure limits are exceeded, use breathing mask (filter type A). Wear self-contained breathing apparatus in case of danger of oxygen displacement.

**Hand protection**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves** Nitrile rubber (NBR)**Penetration time of glove material**

NBR (nitrile rubber): minimum breakthrough time 480 min; minimum layer thickness: 0.45 mm

**Eye/face protection** Safety glasses**Environmental exposure controls** See section 6 and 7. No additional measures necessary.
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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

|                                                          |                                    |
|----------------------------------------------------------|------------------------------------|
| Physical state                                           | Liquid                             |
| Colour:                                                  | Colourless                         |
| Odour:                                                   | Solvent-like                       |
| Odour threshold:                                         | Not determined                     |
| Melting point/freezing point:                            | Undetermined                       |
| Boiling point or initial boiling point and boiling range | 88 °C                              |
| Flammability                                             | Not applicable                     |
| Lower and upper explosion limit                          |                                    |
| Lower:                                                   | 0.6 Vol %                          |
| Upper:                                                   | 7.2 Vol %                          |
| Flash point:                                             | -12 °C                             |
| Auto-ignition temperature:                               | 200 °C                             |
| Decomposition temperature:                               | Not determined                     |
| pH                                                       | Mixture is non-polar/aprotic.      |
| Viscosity:                                               |                                    |
| Kinematic viscosity                                      | < 0.7 mm <sup>2</sup> /s           |
| Dynamic:                                                 | Not determined                     |
| water:                                                   | Not miscible or difficult to mix.  |
| Partition coefficient n-octanol/water (log value)        | Not determined                     |
| Vapour pressure:                                         | Not determined                     |
| Density and/or relative density                          |                                    |
| Density at 20 °C:                                        | 0.673 g/cm <sup>3</sup> (DIN51757) |
| Relative density                                         | Not determined                     |
| Vapour density                                           | Not determined                     |

### 9.2 Other information

|                                                                               |                                            |
|-------------------------------------------------------------------------------|--------------------------------------------|
| Appearance:                                                                   | No further relevant information available. |
| Form:                                                                         | Liquid                                     |
| Important information on protection of health and environment, and on safety. |                                            |
| Ignition temperature:                                                         | Product is not selfigniting.               |
| Explosive properties:                                                         | Not determined                             |
| Change in condition                                                           |                                            |
| Evaporation rate                                                              | Not applicable.                            |

### Information with regard to physical hazard

|                                       |                                                                          |
|---------------------------------------|--------------------------------------------------------------------------|
| classes                               |                                                                          |
| Explosives                            | Void                                                                     |
| Flammable gases                       | Void                                                                     |
| Aerosols                              | Extremely flammable aerosol. Pressurised container: May burst if heated. |
| Oxidising gases                       | Void                                                                     |
| Gases under pressure                  | Void                                                                     |
| Flammable liquids                     | Void                                                                     |
| Flammable solids                      | Void                                                                     |
| Self-reactive substances and mixtures | Void                                                                     |
| Pyrophoric liquids                    | Void                                                                     |
| Pyrophoric solids                     | Void                                                                     |

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|                                                                           |      |
|---------------------------------------------------------------------------|------|
| Self-heating substances and mixtures                                      | Void |
| Substances and mixtures, which emit flammable gases in contact with water | Void |
| Oxidising liquids                                                         | Void |
| Oxidising solids                                                          | Void |
| Organic peroxides                                                         | Void |
| Corrosive to metals                                                       | Void |
| Desensitised explosives                                                   | Void |

### SECTION 10: Stability and reactivity

**10.1 Reactivity** Extremely flammable aerosol.

**10.2 Chemical stability**

**Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions**

Danger of bursting.

Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomised.

**10.4 Conditions to avoid** Avoid heat, sparks, open flames and other ignition sources.

**10.5 Incompatible materials:** Strong oxidizing agents

**10.6 Hazardous decomposition products:**

In the case of thermal decomposition, formation of:

Carbon monoxide and carbon dioxide

Danger of forming toxic pyrolysis products.

### SECTION 11: Toxicological information

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute toxicity** Based on available data, the classification criteria are not met.

**LD/LC50 values relevant for classification:**

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

|            |                |                    |
|------------|----------------|--------------------|
| Oral       | LD50           | >5000 mg/kg (rat)  |
| Dermal     | LD50           | >2,000 mg/kg (rat) |
| Inhalative | LC 50 (vapour) | >25 mg/l (rat)     |

**Primary irritant effect:**

**Skin corrosion/irritation** Causes skin irritation.

**Serious eye damage/irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT-single exposure** May cause drowsiness or dizziness.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** May be fatal if swallowed and enters airways.

**Additional toxicological information:**

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)** None.

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**11.2 Information on other hazards****Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

**SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity:**

Toxic to aquatic life with long lasting effects.

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

|                     |                                    |
|---------------------|------------------------------------|
| EC50                | >1-10 mg/l (daphnia) (48 h)        |
| LC50                | >1-10 mg/L (fish) (96 h)           |
| ErC50               | 10-30 mg/L (algae) (OECD 201 72 h) |
| Bio.Abbaubark./28 d | 98 % /28 d (-) (OECD 301 F)        |

**12.2 Persistence and degradability** No further relevant information available.**Other information:** The product is easily biodegradable.**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**12.5 Results of PBT and vPvB assessment****PBT:** Not applicable**vPvB:** Not applicable**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

**12.7 Other adverse effects****Additional ecological information:****General notes:**Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Avoid transfer into the environment.**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

Disposal should be based on the relevant state and local laws and regulations, the disposal process should avoid pollution of the environment.

**Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

**European waste catalogue**

|           |                                                                                 |
|-----------|---------------------------------------------------------------------------------|
| 16 00 00  | WASTES NOT OTHERWISE SPECIFIED IN THE LIST                                      |
| 16 05 00  | gases in pressure containers and discarded chemicals                            |
| 16 05 04* | gases in pressure containers (including halons) containing hazardous substances |

**Uncleaned packaging:****Recommendation:**

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

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## SECTION 14: Transport information

### 14.1 UN number or ID number

ADR, IMDG, IATA

UN1950

### 14.2 UN proper shipping name

ADR

IMDG

IATA

AEROSOLS

AEROSOLS (Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, &lt;5% n-hexane), MARINE POLLUTANT

AEROSOLS, flammable

### 14.3 Transport hazard class(es)

ADR



Class

Label

2 5F Gases.

2.1

IMDG



Class

Label

2.1 Gases.

2.1

IATA



Class

Label

2.1 Gases.

2.1

### 14.4 Packing group

ADR, IMDG, IATA

Void

### 14.5 Environmental hazards:

Marine pollutant:

Special marking (ADR):

Product contains environmentally hazardous substances: Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, &lt;5% n-hexane

Symbol (fish and tree)

Symbol (fish and tree)

### 14.6 Special precautions for user

Danger code:

EMS Number:

Stowage Code

Warning: Gases.

-

F-D,S-U

SW1 Protected from sources of heat.

SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.

Segregation Code

SG69 For AEROSOLS with a maximum capacity of 1 litre:

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Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.  
For AEROSOLS with a capacity above 1 litre:  
Segregation as for the appropriate subdivision of class 2.  
For WASTE AEROSOLS:  
Segregation as for the appropriate subdivision of class 2.

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

Not applicable

### Transport/Additional information:

#### ADR

Limited quantities (LQ)  
Excepted quantities (EQ)

1L  
Code: E0  
Not permitted as Excepted Quantity  
2  
D  
Emergency Telephone (24/7)  
INFOTRAC ID 116235  
+1-352-323-3500 (International)  
+1-800-535-5053 (North America)

Transport category  
Tunnel restriction code  
Remarks:

#### IMDG

Limited quantities (LQ)  
Excepted quantities (EQ)

1L  
Code: E0  
Not permitted as Excepted Quantity  
Emergency Telephone (24/7)  
INFOTRAC ID 116235  
+1-352-323-3500 (International)  
+1-800-535-5053 (North America)

Remarks:

### UN "Model Regulation":

UN 1950 AEROSOLS, 2.1

## SECTION 15: Regulatory information

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

#### Directive 2012/18/EU

**Named dangerous substances - ANNEX I** None of the ingredients are listed.

#### Seveso category

E2 Hazardous to the Aquatic Environment  
P3b FLAMMABLE AEROSOLS

**Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t

**Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t

#### REGULATION (EU) 2019/1021 on persistent organic pollutants (POP)

None of the ingredients are listed.

#### LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV)

None of the ingredients are listed.

**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3, 40

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**Regulation (EU) No 649/2012**

None of the ingredients are listed.

**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients are listed.

**REGULATION (EU) 2019/1148****Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients are listed.

**Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients are listed.

**Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients are listed.

**Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients are listed.

**REGULATION (EU) 2024/590 on substances that deplete the ozone layer**

None of the ingredients are listed.

**National regulations:****Information about limitation of use:** Employment restrictions concerning juveniles must be observed.**Other regulations, limitations and prohibitive regulations**

Aerosoldirective (75/324/EWG)

Detergents Regulation (648/2004/EG)

**Substances of very high concern (SVHC) according to REACH, Article 57**

110-54-3 | n-hexane

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. It is the sole responsibility of the importer or distributor to identify and comply with all legal requirements necessary for the lawful placing of chemical products on the market in the respective target countries.

**Relevant phrases**

H225 Highly flammable liquid and vapour.

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.

**Recommended restriction of use** For industrial or professional purposes only.**Department issuing SDS:**

Hazardous Substances Management Aftermarket

ate.sicherheit@aumovio.com

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**Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Aerosol 1: Aerosols – Category 1

Flam. Liq. 2: Flammable liquids – Category 2

Skin Irrit. 2: Skin corrosion/irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

**\* Data compared to the previous version altered.**

IE