

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 02.06.2022

Version number 177 (replaces version 176)

Revision: 30.03.2022

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

· **1.1 Product identifier**

· **Trade name:** MOTIP CYCLING PTFE SPRAY 400 ML

· **Article number:** 000284

· **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.

· **Sector of Use**

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

· **Product category** Other coatings and paints

· **Process category**

PROC7 Industrial spraying

PROC11 Non industrial spraying

· **Application of the substance / the mixture** Lubricant

· **1.3 Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**

European Aerosols B.V.\*

Wolfraamweg 2

NL-8471 XC Wolvega

The Netherlands

Tel : +31 (0)561 694400

e-mail: sds-nl@european-aerosols.com

\*Formerly known as Motip Dupli B.V.

· **Further information obtainable from:** Department Product Safety

· **1.4 Emergency telephone number:**

+31 (0)561-694400 (09:00h - 17:00h)

UK: NPIS National Poisons Information Centre Tel: +44 0344 892 0111

**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.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

· **2.2 Label elements**

· **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the GB CLP regulation.

· **Hazard pictograms**



GHS02

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- **Signal word** *Danger*
- **Hazard statements**
  - H222-H229 *Extremely flammable aerosol. Pressurised container: May burst if heated.*
  - H412 *Harmful to aquatic life with long lasting effects.*
- **Precautionary statements**
  - P101 *If medical advice is needed, have product container or label at hand.*
  - P102 *Keep out of reach of children.*
  - 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.*
  - P260 *Do not breathe spray.*
  - P410+P412 *Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.*
  - P501 *Dispose of contents / container in accordance with regional regulations.*
- **Additional information:**
  - EUH066 *Repeated exposure may cause skin dryness or cracking.*
  - Buildup of explosive mixtures possible without sufficient ventilation.*
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

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

· **Dangerous components:**

|   |  |           |
|---|--|-----------|
| CAS: 64742-55-8<br>EINECS: 265-158-7<br>Index number: 649-468-00-3<br>Reg.nr.: 01-2119487077-29 | <i>Distillates (petroleum), hydrotreated light paraffinic</i><br> <i>Asp. Tox. 1, H304</i>  | 25-<50%   |
| CAS: 74-98-6<br>EINECS: 200-827-9<br>Index number: 601-003-00-5<br>Reg.nr.: 01-2119486944-21    | <i>propane</i><br> <i>Flam. Gas 1A, H220</i><br><i>Press. Gas (Comp.), H280</i>   | 12.5-<20% |
| EC number: 918-481-9<br>Reg.nr.: 01-2119457273-39   | <i>Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics</i><br> <i>Asp. Tox. 1, H304</i><br><i>EUH066</i>   | 10-<12.5% |
| CAS: 106-97-8<br>EINECS: 203-448-7<br>Index number: 601-004-00-0<br>Reg.nr.: 01-2119474691-32   | <i>butane (containing &lt; 0,1 % butadiene (203-450-8))</i><br> <i>Flam. Gas 1A, H220</i><br><i>Press. Gas (Comp.), H280</i>  | 10-<12.5% |
| CAS: 109-66-0<br>EINECS: 203-692-4<br>Index number: 601-006-00-1<br>Reg.nr.: 01-2119459286-30   | <i>pentane</i><br> <i>Flam. Liq. 2, H225</i><br> <i>Asp. Tox. 1, H304</i><br> <i>Aquatic Chronic 2, H411</i><br> <i>STOT SE 3, H336</i><br><i>EUH066</i> | 10-<12.5% |
| CAS: 75-28-5<br>EINECS: 200-857-2<br>Index number: 601-004-00-0<br>Reg.nr.: 01-2119485395-27    | <i>isobutane (containing &lt; 0,1 % butadiene (203-450-8))</i><br> <i>Flam. Gas 1A, H220</i><br><i>Press. Gas (Comp.), H280</i>   | 10-<12.5% |

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· **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**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** Drink plenty of water and provide fresh air. Call for a doctor immediately.
- **4.2 Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **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:** Use fire extinguishing methods suitable to surrounding conditions.
- **5.2 Special hazards arising from the substance or mixture**  
During heating or in case of fire poisonous gases are produced.
- **5.3 Advice for firefighters -**
- **Protective equipment:** Mouth respiratory protective device.

**SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Mount respiratory protective device.  
Wear protective equipment. Keep unprotected persons away.  
Keep away from ignition sources.
- **6.2 Environmental precautions:**  
Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- **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.  
No special measures required.
- **Information about fire - and explosion protection:**  
Do not spray onto a naked flame or any incandescent material.  
Keep ignition sources away - Do not smoke.  
Keep respiratory protective device available.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Observe official regulations on storing packagings with pressurised containers.
- **Information about storage in one common storage facility:** Not required.

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- **Further information about storage conditions:** Keep container tightly sealed.
- **Storage class:** 2 B
- **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:

##### 106-97-8 butane (containing < 0,1 % butadiene (203-450-8))

|     |  |
|-----|--|
| WEL | Short-term value: 1810 mg/m <sup>3</sup> , 750 ppm |
|     | Long-term value: 1450 mg/m <sup>3</sup> , 600 ppm  |
|     | Carc (if more than 0.1% of buta-1.3-diene)         |

##### 109-66-0 pentane

|     |   |
|-----|---|
| WEL | Long-term value: 1800 mg/m <sup>3</sup> , 600 ppm |
|-----|---|

- **Additional information:** The lists valid during the making were used as basis.

#### 8.2 Exposure controls

- **Appropriate engineering controls** No further data; see item 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:**  
Wash hands before breaks and at the end of work.  
Do not inhale gases / fumes / aerosols.
- **Respiratory protection:**



In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Filter A2/P3

- **Hand protection** Not required.
- **Material of gloves** Not required.
- **Penetration time of glove material** Not required.
- **Eye/face protection** Not required.

### SECTION 9: Physical and chemical properties

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

##### General Information

- |   |   |
|---|---|
| · <b>Physical state</b>   | Aerosol   |
| · <b>Colour:</b>  | Light brown   |
| · <b>Odour:</b>   | Solvent-like  |
| · <b>Odour threshold:</b>   | Not determined.   |
| · <b>Melting point/freezing point:</b>                            | Undetermined.   |
| · <b>Boiling point or initial boiling point and boiling range</b> | Not applicable, as aerosol.   |
| · <b>Flammability</b>   | Not applicable.   |
| · <b>Lower and upper explosion limit</b>                          |   |
| · <b>Lower:</b>   | 0.6 Vol % (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics)         |
| · <b>Upper:</b>   | 10.9 Vol % (74-98-6 propane)  |
| · <b>Flash point:</b>   | Not applicable, as aerosol.   |
| · <b>Ignition temperature:</b>                                    | >200 °C (>392 °F) (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics) |
| · <b>Decomposition temperature:</b>                               | Not determined.   |
| · <b>pH</b>   | Not determined.   |

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|  |                                     |
|--|-------------------------------------|
| · <b>Viscosity:</b>  |                                     |
| · <b>Kinematic viscosity</b>                               | Not determined.                     |
| · <b>Dynamic:</b>  | Not determined.                     |
| · <b>Solubility</b>  |                                     |
| · <b>water:</b>  | Not miscible or difficult to mix.   |
| · <b>Partition coefficient n-octanol/water (log value)</b> | Not determined.                     |
| · <b>Vapour pressure at 20 °C (68 °F):</b>                 | 3500 hPa (2625.2 mm Hg)             |
| · <b>Density and/or relative density</b>                   |                                     |
| · <b>Density at 20 °C (68 °F):</b>                         | 0.7 g/cm <sup>3</sup> (5.8 lbs/gal) |
| · <b>Relative density</b>                                  | Not determined.                     |
| · <b>Vapour density</b>                                    | Not determined.                     |

|  |                 |
|--|-----------------|
| · <b>9.2 Other information</b>   |                 |
| · <b>Appearance:</b>   |                 |
| · <b>Form:</b>   | Aerosol         |
| · <b>Important information on protection of health and environment, and on safety.</b> |                 |
| · <b>Explosive properties:</b>   | Not determined. |
| · <b>Solvent content:</b>  |                 |
| · <b>Organic solvents:</b>   | 65.0 %          |
| · <b>VOC (EC)</b>  | ---             |
|  | 438.8 g/l       |
| · <b>VOC-EU%</b>   | 65.00 %         |
| · <b>Solids content:</b>   | 3.3 %           |
| · <b>Change in condition</b>   |                 |
| · <b>Evaporation rate</b>  | Not applicable. |

|  |   |
|--|---|
| · <b>Information with regard to physical hazard classes</b>                        |   |
| · <b>Explosives</b>  | Void  |
| · <b>Flammable gases</b>   | Void  |
| · <b>Aerosols</b>  | Extremely flammable aerosol. Pressurised container:<br>May burst if heated. |
| · <b>Oxidising gases</b>   | Void  |
| · <b>Gases under pressure</b>  | Void  |
| · <b>Flammable liquids</b>   | Void  |
| · <b>Flammable solids</b>  | Void  |
| · <b>Self-reactive substances and mixtures</b>                                     | Void  |
| · <b>Pyrophoric liquids</b>  | Void  |
| · <b>Pyrophoric solids</b>   | Void  |
| · <b>Self-heating substances and mixtures</b>                                      | Void  |
| · <b>Substances and mixtures, which emit flammable gases in contact with water</b> | Void  |
| · <b>Oxidising liquids</b>   | Void  |
| · <b>Oxidising solids</b>  | Void  |
| · <b>Organic peroxides</b>   | Void  |
| · <b>Corrosive to metals</b>   | Void  |
| · <b>Desensitised explosives</b>   | Void  |

## SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.

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· **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

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

· **Acute toxicity**

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

**Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics**

|      |      |                   |
|------|------|-------------------|
| Oral | LD50 | >5000 mg/kg (rat) |
|------|------|-------------------|

|        |      |                   |
|--------|------|-------------------|
| Dermal | LD50 | >3000 mg/kg (rab) |
|--------|------|-------------------|

|            |            |                               |
|------------|------------|-------------------------------|
| Inhalative | LC50 / 4 h | >4951 mg/m <sup>3</sup> (rat) |
|------------|------------|-------------------------------|

**109-66-0 pentane**

|      |      |                   |
|------|------|-------------------|
| Oral | LD50 | >5000 mg/kg (rat) |
|------|------|-------------------|

|            |           |                 |
|------------|-----------|-----------------|
| Inhalative | LC50 / 4h | 25.3 mg/l (rat) |
|------------|-----------|-----------------|

· **Skin corrosion/irritation** No irritant effect.

· **Serious eye damage/irritation** No irritating effect.

· **Respiratory or skin sensitisation** No sensitising effects known.

· **11.2 Information on other hazards**

· **Endocrine disrupting properties**

None of the ingredients is listed.

### SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

**109-66-0 pentane**

|             |                          |
|-------------|--------------------------|
| EC50 / 48 h | 9.7 mg/l (daphnia magna) |
|-------------|--------------------------|

|             |                  |
|-------------|------------------|
| EC50 / 96 h | 4.26 mg/l (fish) |
|-------------|------------------|

|             |                  |
|-------------|------------------|
| LC50 / 96 h | 4.26 mg/l (fish) |
|-------------|------------------|

· **12.2 Persistence and degradability** No further relevant information available.

· **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**

· **Remark:** Harmful to fish

· **Additional ecological information:**

· **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Harmful to aquatic organisms

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### SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation**

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

· **Uncleaned packaging:**

· **Recommendation:**

Disposal must be made according to official regulations.

Disposal must be made according to official regulations.

### SECTION 14: Transport information

· **14.1 UN number or ID number**

· **ADR, IMDG, IATA**

UN1950

· **14.2 UN proper shipping name**

· **ADR**

1950 AEROSOLS

· **IMDG**

AEROSOLS

· **IATA**

AEROSOLS, flammable

· **14.3 Transport hazard class(es)**

· **ADR**



· **Class**

2.1 F Gases.

· **Label**

2.1

· **IMDG, IATA**



· **Class**

2.1 Gases.

· **Label**

2.1

· **14.4 Packing group**

· **ADR, IMDG, IATA**

not regulated

· **14.5 Environmental hazards:**

Not applicable.

· **14.6 Special precautions for user**

Warning: Gases.

· **Hazard identification number (Kemler code):**

-

· **EMS Number:**

F-D,S-U

· **Stowage Code**

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:

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:

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|   |  |
|---|--|
| ·   | Segregation as for the appropriate subdivision of class 2.                                       |
| · <b>14.7 Maritime transport in bulk according to IMO instruments</b> | Not applicable.  |
| · <b>Transport/Additional information:</b>                            |  |
| · <b>ADR</b>  |  |
| · <b>Limited quantities (LQ)</b>                                      | 1L   |
| · <b>Excepted quantities (EQ)</b>                                     | Code: E0<br>Not permitted as Excepted Quantity<br>Code: E0<br>Not permitted as Excepted Quantity |
| · <b>Transport category</b>   | 2  |
| · <b>Tunnel restriction code</b>                                      | D  |
| · <b>IMDG</b>   |  |
| · <b>Limited quantities (LQ)</b>                                      | 1L   |
| · <b>Excepted quantities (EQ)</b>                                     | Code: E0<br>Not permitted as Excepted Quantity<br>Code: E0<br>Not permitted as Excepted Quantity |
| · <b>UN "Model Regulation":</b>                                       | 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 is listed.
- **Seveso category P3a** FLAMMABLE AEROSOLS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 150 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
- **National regulations:**
- **Other regulations, limitations and prohibitive regulations**
- **Substances of very high concern (SVHC) according to REACH, Article 57**
- None of the ingredients is listed.
- **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.

- **Relevant phrases**
- 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.
- H336 May cause drowsiness or dizziness.
- H411 Toxic to aquatic life with long lasting effects.
- EUH066 Repeated exposure may cause skin dryness or cracking.
- **Department issuing SDS:** R&D legislation and regulatory advisor
- **Contact:** e-mail: sds-nl@european-aerosols.com

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· **Abbreviations and acronyms:**

*RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)*

*ICAO: International Civil Aviation Organisation*

*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)*

*VOC: Volatile Organic Compounds (USA, EU)*

*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*

*Flam. Gas 1A: Flammable gases – Category 1A*

*Aerosol 1: Aerosols – Category 1*

*Press. Gas (Comp.): Gases under pressure – Compressed gas*

*Flam. Liq. 2: Flammable liquids – 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*

*Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3*

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

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