

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 22.02.2024

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 PTFE SPRAY 500 ML

• **Article number:** 090203

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.*

Wolframweg 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**



flame

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**



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

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· Additional information:

The content of Benzene (EINECS-Nr. 200-753-7) in the ingredients is less than 0,1% (Note P Annex 1A 1272/2008 EU), so the classification as carcinogen need not to apply.

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 section 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.

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- **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.
- **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 ³ , 750 ppm Long-term value: 1450 mg/m ³ , 600 ppm Carc (if more than 0.1% of buta-1.3-diene)
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109-66-0 pentane

WEL	Long-term value: 1800 mg/m ³ , 600 ppm
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· **DNELs**

109-66-0 pentane

Oral	DNEL	214 mg/kg /per day (Consumer, longterm systemic)
Dermal	DNEL	432 mg/kg /per day (Worker, longterm systemic)
	DNEL	214 mg/kg /per day (Consumer, longterm systemic)
Inhalative	DNEL	3000 mg/m ³ (Worker, longterm systemic)
	DNEL	643 mg/m ³ (Consumer, longterm systemic)

· **PNECs**

109-66-0 pentane

PNEC	0.23 mg/l (Freshwater)
PNEC	0.23 mg/l (Seawater)
PNEC	0.88 mg/l (Sporadic release)
PNEC	3.6 mg/l (Sewage treatment plant)
PNEC	1.2 mg/kg (Freshwater sediment)
PNEC	0.55 mg/kg (Soil)
PNEC	1.2 mg/kg (Seawater sediment)

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

· 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:**
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.

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- **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

· Physical state	Aerosol
· Colour:	Light brown
· Odour:	Solvent-like
· Odour threshold:	Not determined.
· Melting point/freezing point:	Undetermined.
· Boiling point or initial boiling point and boiling range	Not applicable, as aerosol.
· Flammability	Not applicable.
· Lower and upper explosion limit	
· Lower:	0.6 Vol % (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics)
· Upper:	10.9 Vol % (74-98-6 propane)
· Flash point:	Not applicable, as aerosol.
· Auto-ignition temperature:	>200 °C (>392 °F) (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics)
· Decomposition temperature:	Not determined.
· pH	Not determined.
· Viscosity:	
· Kinematic viscosity	Not determined.
· Dynamic:	Not determined.
· Solubility	
· water:	Not miscible or difficult to mix.
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure at 20 °C (68 °F):	3500 hPa (2625.2 mm Hg)
· Density and/or relative density	
· Density at 20 °C (68 °F):	0.7 g/cm ³ (5.8 lbs/gal)
· Relative density	Not determined.
· Vapour density	Not determined.

· 9.2 Other information

· Appearance:	
· Form:	Aerosol
· Important information on protection of health and environment, and on safety.	
· Explosive properties:	Not determined.
· Solvent content:	
· Organic solvents:	65.0 %
· VOC (EC)	---
	438.8 g/l
· VOC-EU%	65.00 %
· Solids content:	3.3 %
· 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

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· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· 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** 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.
- **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** Based on available data, the classification criteria are not met.

· 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 ³ (rat)
	LC50 / 48 h	>1000 mg/l (daphnia magna) (Daphnia magna)

109-66-0 pentane

Oral	LD50	>5000 mg/kg (rat)
Inhalative	LC50 / 4h	25.3 mg/l (rat)

- **Skin corrosion/irritation**
Based on available data, the classification criteria are not met.
No irritant effect.
- **Serious eye damage/irritation**
Based on available data, the classification criteria are not met.
No irritating effect.
- **Respiratory or skin sensitisation**
Based on available data, the classification criteria are not met.
No sensitising effects known.
- **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** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.

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- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

*

SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

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

EC50 / 48 h >1000 mg/l (daphnia magna) (Daphnia magna)

EC50 / 72 h >1000 mg/l (algae) (Pseudokirchnerella subcapitata)

LC50 / 96 h >1000 mg/l (fish) (Oncorhynchus mykiss)

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

*

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

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- **IMDG**
- **IATA**

AEROSOLS
AEROSOLS, flammable

- **14.3 Transport hazard class(es)**

- **ADR**



- **Class**
- **Label**

2 5F Gases.
2.1

- **IMDG, IATA**



- **Class**
- **Label**

2.1 Gases.
2.1

- **14.4 Packing group**

- **ADR, IMDG, IATA**

not regulated

- **14.5 Environmental hazards:**

Not applicable.

- **14.6 Special precautions for user**

- **Hazard identification number (Kemler 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:
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

Code: E0

Not permitted as Excepted Quantity

- **Transport category**

2

- **Tunnel restriction code**

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- | | |
|--|---|
| <ul style="list-style-type: none"> • IMDG • Limited quantities (LQ) • Excepted quantities (EQ) | <p>1L</p> <p>Code: E0</p> <p>Not permitted as Excepted Quantity</p> <p>Code: E0</p> <p>Not permitted as Excepted Quantity</p> |
| <ul style="list-style-type: none"> • UN "Model Regulation": | <p>UN 1950 AEROSOLS, 2.1</p> |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Poisons Act**

- **Regulated explosives precursors**

None of the ingredients is listed.

- **Regulated poisons**

None of the ingredients is listed.

- **Reportable explosives precursors**

None of the ingredients is listed.

- **Reportable poisons**

None of the ingredients is listed.

- **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
- **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.

- **Classification according to Regulation (EC) No 1272/2008**

Data is based on internal technical data and technical data from suppliers.

- **Department issuing SDS:** R&D legislation and regulatory advisor

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

- **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

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ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
DNEL: Derived No-Effect Level (UK REACH)
PNEC: Predicted No-Effect Concentration (UK REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
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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