Technical Information PTFE Oil



Universal lubricant with outstanding mechanical and thermal stability to treat mechanical parts of metal and plastic. PTFE spray has a very low friction factor, a fine structure (particle size approximately 5 micrometer) and excellent adhesion. PTFE spray is resistant to weather influences and weak acids and bases, water-repellent and pH-neutral. PTFE spray prevents wear and sticking. MoTip PTFE Spray is resistant to temperatures of - 50°C up to + 250°C.

For use on:

- Car: door hinges, sunroof, locks, window guides, antennae, chains, electric wiring
- Mopeds, bicycles: gear chain, rims, pedal shafts
- Boats, caravans: wiring, sliding doors, tools

Quality and properties

- Outstanding mechanical and thermal stability
- Very low friction factor
- Excellent adhesion
- Prevents wear and sticking
- Resistant to weather influences
- Resistant to weak acids and bases
- Fine structure (particle size appromixately 5 micrometer)
- Water-repellent
- Directed jetspray

Physical and chemical data

- **Basis:** mineral oil and PTFE (Polytetrafluorethylene)
- **VOC-content:** approximately 60% w/w
- **Colour:** white-transparent
- **Smell:** characteristic
- **Relative density at 20°C:** 0.88 g/ml
- **Yield:** 1.34 g/sec.
- **Vapour pressure at 20°C:** 3 - 4 bar
- **4 Ball EP-test (AS TM D 2596):** 3430 N
- **4 Ball Wear-test (AS TM D 266):** < 0,4 mm
- **Temperature resistance:** -50°C to +250°C
- **pH-value:** neutral
- **Storage stability:**
  10 years if appropriate storage provided (=10°-25°C, relative air humidity of max. 60%)
- **Size:**
  aerosol can, maximum nominal volume 500 ml

Environment and labelling

Environmentally compatible: European Aerosols is committed to apply formulations without restricted or critical ingredients and to achieve best possible performance. The caps and packagings are made of recyclable material.

Disposal: Please mind the residue inside the containers. Completely emptied containers can be used for recycling. If cans are not emptied, they should be disposed off as "special refuse".
Only for DE: In order to ensure a high reuse and recycling rate, the legislator requires, in accordance with §15 - VerpackG, Paragraph 1, the return of transport, sales or outer packaging, alternatively, however, deviating agreements can also be made.

Labelling: All products of European Aerosols comply with the current status of their labelling regulations. Classification and distinction takes place by the presently legal form of the **Globally Harmonized System of Classification and Labelling of Chemicals** (GHS) or rather by CLP 1272/2008/EG regulations. Our safety data sheets comply with the current form of REACH 1907/2006/EG, article 31 und appendix II,

Instruction manuel

Before use, carefully read and observe the warning texts on the label!

Application:

- Bring can to room temperature.
- Operating temperature 5° to 30°C.
- Remove moisture, dirt and grease from parts to be sprayed.
- Shake can for 2 minutes before use.
- Apply in fine even coats. Optimum lubrication is achieved once the solvent has evaporated.
- Shake can from time to time during use.

Tips for spray painting

Protect the object and the surrounding area from spray mist.
Temperature should range between +10°C and +25°C, max. air humidity 60 %.

Store in a dry place. Protect from direct sunlight and other sources of heat. Use only during dry weather, in places protected from the wind, and in well-ventilated rooms. Follow the warning texts on the labels!

Disclaimer of liability

This application-technological information is given to the best of our knowledge. The notes mentioned herein are, however, non-binding and do not exempt you from own tests to see whether the products supplied by us are suitable for your special application. The use and processing is beyond our control and therefore exclusively in the responsibility of the user. European Aerosols is let off the liability, unless the liability-based incident is caused by a fault incurred to European Aerosols.

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This release replaces all eventually earlier issued versions.

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