
SAFETY DATA SHEET

PANOLIN EP GEAR SYNTH

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

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|-----------------------------------|--|
| Chemical characterization | Saturated, synthetic esters with additives |
| Supplier | PANOLIN AG Bläsimühle CH-8322 Madetswil Switzerland |
| Emergency telephone number | ++41 (0) 1 / 956 65 65 (Mo. - Fr. 08.00 - 17.00) |

2. COMPOSITION/INFORMATION ON INGREDIENTS

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|-----------------------------|--|
| Hazardous components | The product contains no substances which at their given concentration, are considered to be hazardous to health. CAS-No: preparation. EINECS: preparation. |
|-----------------------------|--|

3. HAZARDS IDENTIFICATION

None.

4. FIRST AID MEASURES

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| General advice | Wash contaminated clothing before re-use. |
| Inhalation | Move to fresh air in case of accidental inhalation of vapours. |
| Skin contact | Wash with water and soap as a precaution. |
| Eye contact | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. |
| Ingestion | Do not induce vomiting. Drink water as a precaution. Obtain medical attention. |

5. FIRE-FIGHTING MEASURES

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| Suitable extinguishing media | Foam. Dry chemical. Carbon dioxide (CO ₂). |
| Extinguishing media which must not be used for safety reasons | High volume water jet. |
| Specific hazards | During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds. |
| Special protective equipment for firefighters | In case of fire, wear a self contained breathing apparatus. |
| Specific methods | Do not use a solid water stream as it may scatter and spread fire. |

6. ACCIDENTAL RELEASE MEASURES

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| Personal precautions | Sweep up to prevent slipping hazard. |
| Environmental precautions | Do not flush into surface water or sanitary sewer system. Advise water authority if spillage has entered water course or drainage system. |
| Methods for cleaning up | Dam up. Soak up with oil absorbent material. Shovel into suitable container for disposal. |

7. HANDLING AND STORAGE

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| Handling | Spilling onto the container's outside will make container slippery. The product is flammable but not readily ignited. |
| Storage | Keep containers dry and tightly closed to avoid moisture absorption and contamination. Keep out of reach of children. CEA F4 I Fu Y3 |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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| Engineering measures to reduce exposure | General industrial hygiene practice. |
| Personal protection equipment | |
| Respiratory protection | No personal respiratory protective equipment normally required. |
| Hand protection | Rubber or plastic gloves. |
| Eye protection | Safety glasses with side-shields. |
| Skin and body protection | Remove and wash contaminated clothing before re-use. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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|---------------|----------------|
| Form | Liquid. |
| Colour | Yellow-orange. |
| Odour | Mild. |

Physical and chemical properties

| | |
|-------------------------|-------------------------|
| Flash point (COC) | > 210 °C. |
| Relative density (15 °) | 0.92 g/ml. |
| Viscosity: | according to datasheet. |
| Pour point: | < -35 °C. |
| Water solubility: | insoluble. |

10. STABILITY AND REACTIVITY

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| Stability | No decomposition if stored and applied as directed. |
| Conditions to avoid | Fire or intense heat may cause violent rupture of packages. |
| Materials to avoid | Strong oxidizing agents. |
| Hazardous decomposition products | None under normal use. Thermal decomposition can lead to release of irritating gases and vapours. Incomplete combustion may produce small amounts of Kohlenmonoxyd. |

11. TOXICOLOGICAL INFORMATION

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| Acute toxicity | LD50/oral/rat = > 2'000 mg/kg. Estimated from the datas of the components or similar substances. |
| Local effects | Negligible. Experience shows no unusual dermatitis hazard from routine handling. |
| Long term toxicity | Negligible. |
| Sensitization | Negligible. |
| Specific effects | No data is available on the product itself. |
| Human experience | No data is available on the product itself. |
| Further information | The product contains no substances which at their given concentration, are considered to be hazardous to health. Health injuries are not known or expected under normal use. No persistent or cumulative effects were observed. |

12. ECOLOGICAL INFORMATION

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|------------------------------------|---|
| Ecotoxicity | Ecological injuries are not known or expected under normal use. |
| Persistence / degradability | According to the results of tests of biodegradability this product is considered as being readily biodegradable. Readily biodegradable, according to appropriate OECD test. |

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products

Can be incinerated, when in compliance with local regulations. Where possible recycling is preferred to disposal or incineration. In accordance with local and national regulations.

14. TRANSPORT INFORMATION

Further Information

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Regulatory Information

The product does not need to be labelled in accordance with (national equivalent of EC-Directive 88/379). Water Pollution Class WGK 1 (self-assessment). slightly water contaminating.

Symbol(s)

None.

R-phrase(s)

None.

S-phrase(s)

None.

16. OTHER INFORMATION

Recommended use

According to datasheet.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release. The 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 process, unless specified in the text.

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