



Revision: 12 Sep 2016

SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: Syngear PAO Gear Oils

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

- Use of the substance/mixture: Industrial Gear Oils
- Use advised against: Do not use in any other application.

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Aztec Oils Ltd Intake Road
- Address of Supplier: Bolsover Business Park,
Bolsover,
Derbyshire,
S44 6BB,
UK
- Telephone: +44 (0)1246 823007 Office hours only.
- Email: technical@aztecoils.co.uk

1.4 Emergency telephone number

- Emergency Telephone: +44 (0)1246 823007 (Mon-Thurs 08:00 - 17:00, Friday 08:00 - 16:00)

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

- CLP: Not Classified

2.2 Label elements

- Signal Word: None Required
- Hazard statements
Not Classified
- Precautionary statements
None assigned

2.3 Other hazards

- None assigned

SECTION 3 Composition/information on ingredients

3.2 Mixtures

- 1-decene, homopolymer, hydrogenated
CAS Number: 74869-22-0

SECTION 3 Composition/information on ingredients (....)

EC Number: 278-012-2

REACH Registration Number: Not Available.

Concentration: 90-100%

H Statements: Not Applicable

- N-Phenyl-benzenamine reaction products with styrene and 2,4,4-trimethylpentene
CAS Number: 68921-45-9
EC Number: 272-940-1
REACH Registration Number: Not Available.
Concentration: 0-1%
H Statements: Not Applicable
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SECTION 4 First aid measures

4.1 Description of first aid measures

- Inhalation
Do not breath Dust or Vapour. If inhaled and the vapour causes irritation to the nose or throat move the person to fresh air. If symptoms persist obtain medical attention.
- Contact with eyes
Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
- Contact with skin
Irritating to skin. Remove contaminated clothing. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.
- Ingestion
If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

4.2 Most important symptoms and effects, both acute and delayed

- Skin contact: Prolonged contact may cause redness, irritation and dry skin.
- Ingestion: DO NOT INDUCE VOMITING. Ingestion may cause nausea and vomiting.

4.3 Indication of any immediate medical attention and special treatment needed

- If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
 - Eye contact: Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
 - No action shall be taken involving any personal risk or without suitable training.
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SECTION 5 Fire-fighting measures

5.1 Extinguishing media

- Carbon oxides. Carbon dioxide (CO₂). Dry chemical. Foam. Sand. Water spray. Do NOT use water jet.
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SECTION 5 Fire-fighting measures (....)

5.2 Special hazards arising from the substance or mixture

- Burning produces irritating, toxic and obnoxious fumes. Do not allow runoff water to enter sewers or drains.

5.3 Advice for firefighters

- Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
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SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Ensure adequate ventilation of the working area. Wear suitable protective equipment.

6.2 Environmental Precautions

- Do not allow to enter public sewers and watercourses

6.3 Methods and material for containment and cleaning up

- Absorb spillage in earth or sand
- Sweep or shovel-up spillage and remove to a safe place

6.4 Reference to other sections

- For personal protection, see section 8. For waste disposal, see section 13.
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SECTION 7 Handling and storage

7.1 Precautions for safe handling

- Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. Temperature: 0 - 50 °C.

7.2 Conditions for safe storage, including any incompatibilities

- Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

7.3 Specific end use(s)

- Please use this product as indicated in sections 1 and 2. If you are uncertain please contact us immediately as not using the product in the right way could be dangerous for your health and machinery.
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SECTION 8 Exposure controls/personal protection

8.1 Control parameters

- N-Phenyl-benzenamine reaction products with styrene and 2,4,4-trimethylpentene
 - WEL (long term) 5 mg/m³
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SECTION 8 Exposure controls/personal protection (....)

- WEL (short term) 10 mg/m³

8.2 Exposure controls

- Chemical resistant gloves (PVC).
- Wear protective clothing if splashing is likely.
- Ensure adequate ventilation of the working area.
- Wear approved safety goggles.



SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Liquid, amber
- Odour: Mild
- Freezing point/Range: < -20°C
- Boiling Point/Range: >150°C
- Flashpoint: >200°C
- Oxidising Properties: Not considered oxidising
- Autoignition Temperature >320°C
- Explosive Properties: Considered stable under normal conditions
- Vapour Pressure: <1
- Specific Gravity: 0.836 - 0.928
- Solubility in water (KG/M³): Insoluble

9.2 Other information

- The figures in this section are for guidance only please always use them in conjunction with the technical data sheet.

SECTION 10 Stability and reactivity

10.1 Reactivity

- Stable under normal temperature conditions and recommended use.

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- Do not mix with other products.

10.4 Conditions to avoid

- Store at temperatures between 0 °C and 50 °C.

10.5 Incompatible materials

- Strong oxidising substances.

10.6 Hazardous Decomposition Products

SECTION 10 Stability and reactivity (....)

- Combustion or thermal decomposition could liberate carbon oxides and other toxic gases or vapours.
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SECTION 11 Toxicological information

11.1 Information on toxicological effects

- GENERAL INFORMATION. This product has low toxicity. Only large volumes may have adverse impact on human health.
Skin corrosion/irritation: May cause irritation by skin contact.
Serious eye damage/irritation: May cause temporary eye irritation.
Respiratory or skin sensitisation: Unlikely to be hazardous by inhalation because of the low vapour pressure of the substance at ambient temperature.
Repeated or prolonged exposure: Prolonged or repeated contact with used oil may cause serious skin diseases, such as dermatitis and skin cancer.
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SECTION 12 Ecological information

12.1 Toxicity

- 1-decene, homopolymer, hydrogenated - Algae EC50/72h: 1000 Rainbow trout LC50/96h: 1000

12.2 Persistence and degradability

- The product is mainly low in toxicity, but contains substances that could potentially harm the aquatic organisms and may cause long time adverse effects.

12.3 Bioaccumulation Potential

- Bioaccumulation is unlikely to be significant due to the low water solubility of this product.

12.4 Mobility in soil

- Insoluble in water. Floats on water. Absorbed only slowly into soil.

12.5 Results of PBT and vPvB assessment

- Not applicable.

12.6 Other Adverse Effects

- May cause long-term adverse effects in the environment.
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SECTION 13 Disposal considerations

13.1 Waste treatment methods

- Waste Code : 13 XX XX OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)
Code given as a guidance only it could vary from different products and the way they were used.
 - We recycle 205L and 1000L packaging.
 - Disposal should be in accordance with local, state or national legislation
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SECTION 14 Transport information

14.1 UN Number

- UN No.: Not classified as hazardous for transport

14.2 UN Proper Shipping Name

- Proper Shipping Name:

14.3 Transport hazard class(es)

- Hazard Class: Not classified.

14.4 Packing group

- Packing Group: N/A

14.5 Environmental hazards

- Not classified as hazardous for marine transport

14.6 Special precautions for user

- None

14.7 Transport in bulk according to Annex II of MARPOL and the IBC code

- Not relevant
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SECTION 15 Regulatory information

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

- Supply regulations: DPD: Dangerous Preparations Directive; GHS: Globally Harmonised System of classification and labelling of chemicals; CLP: Classification, Labelling and Packaging regulations. Transport regulations: CDG: Carriage of Dangerous Goods regulations; ADR/RID/IMDG/ICAO/IATA regulations.

15.2 Chemical Safety Assessment

- A chemical safety assessment (CSA) for this product has not yet been completed
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SECTION 16 Other information

Disclaimer

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This 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 other process

SECTION 16 Other information (....)

--- end of safety datasheet ---
