

COSHH Assessment – Aspen 4 Alkylate Petrol

1. Substance Identification

Product Name: Aspen 4 Alkylate Petrol

Supplier: Aspen Fuel (Axel Christiernsson)

Use: Fuel for 4-stroke engines (e.g. mowers, generators)

Form: Liquid

2. Hazards

Classification:

- Flammable liquid (Category 1)
- Harmful: May cause drowsiness or dizziness
- Aspiration hazard: May be fatal if swallowed and enters airways

Label Pictograms:  Flammable,  Health hazard

Hazard Statements:

- H224: Extremely flammable liquid and vapour
- H304: May be fatal if swallowed and enters airways
- H336: May cause drowsiness or dizziness

3. Use of Substance

Task: Refuelling 4-stroke machinery (outdoor power tools)

Frequency: As needed (daily/weekly)

Quantity Used: Typically <5 litres at a time

Environment: Usually outdoors or in well-ventilated workshops

4. Who May Be Exposed

Volunteers

5. Control Measures

Engineering Controls:

- Refuel outdoors or in well-ventilated areas
- Use funnel or fuel can with spout to avoid spills

PPE Requirements:

- Nitrile gloves (chemical resistant)
- Safety glasses or goggles

Work Practices:

- No smoking or open flames nearby
- Stop engine before refuelling
- Clean up spills immediately
- Store fuel in approved, labelled containers

6. First Aid Measures

Inhalation: Move to fresh air. If symptoms persist, seek medical attention.

Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing.

Eye Contact: Rinse cautiously with water for several minutes. Seek medical help if irritation persists.

Ingestion: DO NOT induce vomiting. Seek immediate medical attention. Risk of aspiration.

7. Spill and Disposal Procedures

Spill: Absorb with inert material (e.g. sand, spill kit). Ventilate area. Avoid ignition sources.

Disposal: Treat as hazardous waste. Dispose of via licensed waste contractor in accordance with local regulations.

8. Storage

Store in a cool, dry, well-ventilated area

Keep away from heat/sparks/open flames

Store in approved flammable liquids containers (marked and sealed)

9. Health Surveillance

Not generally required for this controlled use, but monitor for signs of dizziness or skin irritation in regular users.

10. Assessment Completed By

Name: Neil Wheeler

Position: H&S Trustee

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Next Review: 08 2026

The latest version can be viewed here

