

# COSHH Assessment – E10 Petrol (Refueling Machinery)

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## 1. Substance Identification

Product Name: E10 Petrol

Supplier: Various (e.g. Shell, BP, Esso)

Use: Fuel for petrol-powered engines (e.g. strimmers, mowers, generators)

Form: Liquid

## 2. Hazards

Classification:

- Flammable liquid (Category 2)
- Harmful: May cause drowsiness or dizziness
- Aspiration hazard: May be fatal if swallowed and enters airways
- May cause skin irritation with prolonged contact

Label Pictograms:  Flammable,  Health hazard

Hazard Statements:

- H225: Highly flammable liquid and vapour
- H304: May be fatal if swallowed and enters airways
- H315: Causes skin irritation
- H336: May cause drowsiness or dizziness

## 3. Use of Substance

Task: Refuelling petrol-powered machinery

Frequency: As needed (daily/weekly)

Quantity Used: Typically <5 litres at a time

Environment: Usually outdoors or in ventilated garages/sheds

## 4. Who May Be Exposed

Volunteers

## 5. Control Measures

Engineering Controls:

- Refuel in well-ventilated areas or outdoors
- Use suitable containers with spouts to reduce spill risk

PPE Requirements:

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

Work Practices:

- No smoking or open flames nearby
- Switch off engine before refuelling
- Ensure containers are clearly labelled and sealed
- Clean up any spills immediately with absorbent material

## 6. First Aid Measures

Inhalation: Move to fresh air. Seek medical attention if symptoms persist.

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

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

Ingestion: DO NOT induce vomiting. Seek immediate medical attention due to aspiration risk.

## 7. Spill and Disposal Procedures

Spill: Absorb using sand or appropriate spill kit. Ventilate area and avoid ignition sources.

Disposal: Dispose as hazardous waste in accordance with local environmental regulations.

## 8. Storage

Store in a cool, dry, and well-ventilated area

Keep away from heat sources and direct sunlight

Use only approved, sealed fuel containers

Ensure area is signed and compliant with flammable liquid storage regulations

## **9. Health Surveillance**

Not required under normal use. Monitor for skin or respiratory symptoms with frequent exposure.

## **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

