

# COSHH Assessment – Stihl Petrol (UN 1203)

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## 1. Substance Identification

Product Name: Stihl MotoMix / Stihl Petrol

UN Number: UN 1203 (Petrol / Gasoline mixture)

Supplier: Stihl or authorised distributor

Use: Fuel for 2-stroke engines (e.g. chainsaws, hedge trimmers, strimmers)

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
- May cause skin and eye irritation

Label Pictograms:  Flammable,  Health hazard

Hazard Statements:

- H224: Extremely 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 2-stroke engine machinery

Frequency: As required (daily to weekly depending on use)

Quantity Used: Typically <5 litres per task

Environment: Outdoors or well-ventilated workshop areas

#### **4. Who May Be Exposed**

Volunteers

Operators of 2-stroke machinery (e.g. chainsaws, brushcutters)

Workshop and equipment maintenance staff

#### **5. Control Measures**

Engineering Controls:

- Refuel outdoors or in well-ventilated spaces
- Use approved fuel containers with no-spill spouts

PPE Requirements:

- Nitrile gloves or chemical-resistant gloves
- Eye protection (goggles or face shield)

Work Practices:

- No smoking or ignition sources nearby
- Switch off engine and allow to cool before refuelling
- Avoid spills and clean up immediately
- Wash hands after handling and before eating/drinking

#### **6. First Aid Measures**

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

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

Eye Contact: Rinse thoroughly with water for at least 10 minutes. Seek medical attention if irritation occurs.

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

## **7. Spill and Disposal Procedures**

Spill: Contain and absorb with sand or spill kit. Ventilate area and keep ignition sources away.

Disposal: Dispose of unused fuel and contaminated materials as hazardous waste in accordance with local regulations.

## **8. Storage**

Store in tightly sealed, properly labelled approved containers

Keep in a cool, dry, well-ventilated area

Store away from heat, sparks, open flame, and incompatible substances

## **9. Health Surveillance**

Not generally required for incidental use. Monitor frequent users for signs of skin irritation or respiratory issues.

## **10. Assessment Completed By**

Name: Neil Wheeler

Position H&S Advisor

Date: 01 Aug 2025

Next Review: 01 Aug 2026

The latest version can be viewed here

