



## COSHH ASSESSMENT & HAZARD SUMMARY SHEET

Substance:

# Gasoline - Petrol



**Supplier:** Shell, BP, Texaco etc.

Toxic Ingredients	*LTEL	*STEL	**COMMENTS
Gasoline	890mg/m3	1480mg/m3	OEL
Benzeine	1ppm		OEL
Tert-butyl methyl ether	92mg/m3	275mg/m3	OEL
2-Methylpropan-2-ol	303mh/m3	455mg/m3	OEL
PAHs	0.2mg/m3		OEL
Diisopropyl ether	1040mg/m3	1300mg/m3	OEL

**Description of Substance:** Clear yellow liquid with characteristic petroleum hydrocarbon colour. Insoluble in water. Classified as a "special waste".

**Hazards:** High vapour concentrations are narcotic and may cause unconsciousness or death. Repeated exposure under conditions of improper handling cause delayed harmful effects from some components.

### PPE

Gloves	Goggles		

### First Aid

Skin Contact	Wash skin thoroughly with soap and water. Remove contaminated clothing. Seek medical advice if skin becomes red, swollen or painful.
Eye Contact	Rinse with copious amounts of water. Get medical attention if irritation occurs.
Inhalation	If exposure to vapour causes drowsiness, headache, blurred vision or irritation of the eyes / nose / throat, remove immediately to fresh air. Keep patient warm and at rest. Unconscious casualties must be placed in the recovery position. Monitor breathing and pulse. If breathing stops administer assisted respiration. Seek medical attention immediately.
Ingestion	If swallowed, do not induce vomiting. Never given anything by mouth to an unconscious person. Obtain medical attention.

**Storage Conditions:** Store in correctly labelled containers away from sources of heat and ignition. Store in accordance with *The Petroleum (Consolidation) Regulations 2014* and *Dangerous Substances and Explosive Atmospheres Regulations 2002*.

\***LTEL:** Long-term Exposure Limit – 8-hour weighted average (TWA) ref period

\***STEL:** Short-term Exposure Limit – 15-min ref period

\*\***WEL:** Workplace Exposure Limit

**OES:** Occupational Exposure Standard

**TID:** Total Inhalable Dust

**RD:** Respirable Dust



**Substance / Trade Name:** Gasoline - Petrol

**Activity / Conditions of Use:** Fuel for use in vehicles designed or modified to run on unleaded petrol, Vehicle tanks filled at commercial sources

**Quantities used:** Various

**Assessment of risk:** The risk to health is not significant because inhalation of vapour and skin contact is limited.

**Recommended control measures:** Avoid inhalation of vapour or mist. Use adequate ventilation. Avoid frequent or prolonged skin contact. Do not transfer to unsuitable, unlabelled or incorrectly labelled containers.

Avoid malpractice such as siphoning sniffing use as a solvent etc.

**Spillage Management:** Eliminate sources of ignition, Contain spillage with sand or other suitable absorbents and remove mechanically to containers for approved disposal. Prevent spillage reaching drains or watercourses.

**Disposal:** Dispose of via an authorised person/licensed waste disposal contractor in accordance with local regulations. Empty packages may contain some remaining product. Hazard warning labels are a guide to the safe handling of empty packaging and should not be removed. Empty containers represent a fire hazard as they may contain flammable product residues and vapour. Never weld, solder or braze empty containers.

This Risk Assessment applies only to this substance when encountered or used in the activity and / or conditions described above. If there is a change in the activity or conditions in which the substance is encountered or used, a new assessment must be made.

**Print name:**

**Signed:**

**Date:**