
COSHH produced by



For M&D Foundations & Building Services Ltd

PETROL



COSHH Risk Assessment

PETROL						
Assessment made by: Mr N Hutson			Production Date: 10/10/2025		Review Date: 10/10/2026	
Level of Risk:	Medium		Permit to Work Required:		No	
Description of Work Activity or Process:	Fuel					
Site:	LS03755 Royal Victoria Court, Newport, NP20 2NW					
Persons at Risk:	Employees:	X	Contractors:	X	Public:	

CLASSIFICATION (STATE THE CATEGORY OF DANGER)							
	Toxic			Harmful	X		Flammable X
	Corrosive			Oxidising			Environmental X
	Serious Health Hazard	X		Explosive	X		Gas Under Pressure

HAZARD TYPE							
	X		X		X		
Gas	Vapour	Mist	Fume	Dust	Liquid	Solid	Other

ROUTE OF EXPOSURE				
X	X	X	X	
Inhalation	Skin	Eyes	Ingestion	Other

WORKPLACE EXPOSURE LIMITS (WELS)	
Long Term Exposure Level(8hr TWA)	Short Term Exposure Level (15 mins)
Ethylbenzene: 100 ppm 441 mg/m ³ toluene: 50 ppm 191 mg/m ³ Xylene: 50 ppm 220 mg/m ³ cyclohexane: 100 ppm 350 mg/m ³ n-Hexane: 20 ppm 72 mg/m ³ Trimethylbenzene, all isomers: 25 ppm 125 mg/m ³ benzene: 0.5 ppm 1.6 mg/m ³ cumene: 25 ppm 125 mg/m ³ tert-butyl methylether: 50 ppm 183.5 mg/m ³	Ethylbenzene: 125 ppm 552 mg/m ³ toluene: 100 ppm 384 mg/m ³ Xylene: 100 ppm 441 mg/m ³ cyclohexane: 300 ppm 1050 mg/m ³ n-Hexane: 60 ppm 216 mg/m ³ Trimethylbenzene, all isomers:75 ppm 375 mg/m ³ benzene: 2.5 ppm 8 mg/m ³ cumene: 50 ppm 250 mg/m ³ tert-butyl methylether: 100 ppm 367 mg/m ³

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FIRST AID REQUIRED

- Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Check for and remove any contact lenses if present and easy to do so without causing any further discomfort. Get medical attention if irritation occurs.
- Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Drench contaminated clothing with water before removing. Clothing must be washed before re-use. Seek medical attention if irritation occurs.
- Inhalation: Get medical attention immediately. If inhaled, remove to fresh air and keep warm and in a position comfortable for breathing. Ensure that regular breathing pattern continues. Seek medical attention.
- Ingestion: Get medical attention immediately. Do not induce vomiting. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Rinse mouth with water.

PPE REQUIRED

- Safety glasses or goggles are recommended to (EN 166)
- Gloves constructed of nitrile, neoprene, or PVC are recommended to (EN 388 or 374) Chemical protective clothing based on degree of exposure.

CONTROL MEASURES

- Extinguishing Media: Water spray, polyvalent foam and BC powder.
- Solid water jet unsuitable as extinguishing media.
- Keep container tightly closed / keep within a fire-proof storeroom.
- Keep out of direct sunlight / Store in a cool area.
- Keep well away from sources of heat, ignition and oxidizing agents.
- Wash hands before eating, drinking and smoking.
- Prevent entry to water course.
- Do not breathe vapours, mists or fumes.
- Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth.
- Train and instruct persons in risks associated with using substance.
- Operatives to be issued with appropriate PPE and usage to be policed. Try to reduce evaporation / contain leaking substance with foam.