

COSHH Assessment - Unleaded Petrol - -

Description of Substance	Highly Flammable liquid.
Method of Use	Fuel for spark ignition combustion engine.
Supplier Details	Various
Assessment Date	10/07/2024
Document Author	Phil Collins
Review Date	10/07/2025

Hazard Identification

Risk Level	Could cause immediate problems if controls not followed
Persons at Risk	Staff Contractors
Routes of Entry	Inhalation Absorption Ingestion
Amount Used	Medium (Litres), 6 to 10 times per day, for 1 to 5 minutes.

Personal Protective Equipment



Hand Protection



Eye Protection

Substance Properties



Highly Flammable



Harmful or Irritant



Dangerous for Environment



Long Term Hazards

Risk / Safety Phrases & Work Exposure Limits

Work Exposure Limits	Risk / Safety Phrases
Benzene - 71-43-2 LTE (8 hour TWA) 1 ppm LTE (8 hour TWA) 3.25 mg.m3 Methyl-tert-butyl ether - 1634-04-4 LTE (8 hour TWA) 25 ppm LTE (8 hour TWA) 92 mg.m3 STE (15 mins) 75 ppm STE (15 mins) 275 mg.m3 NAPHTHA (PETROLEUM), HYDROTREATED - LTE (8 hour TWA) 1000 mg.m3 Tertiary-butyl-methyl-Ether - 1634-04-4 LTE (8 hour TWA) 50 ppm LTE (8 hour TWA) 183.5 mg.m3 STE (15 mins) 100 ppm STE (15 mins) 367 mg.m3	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 H340 -May cause genetic defects H350 -May cause cancer H361 -Suspected of damaging fertility or the unborn child H411 -Toxic to aquatic life with long lasting effects P201 -Obtain special instructions before use P210 -Keep away from heat/sparks/open flames/hot surfaces. - No smoking P280 -Wear protective gloves/protective clothing/eye protection/face protection P301 + P310 -IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician P403 + P233 -Store in a well-ventilated place. Keep container tightly closed P501 -Dispose of contents/container to

Precautions & Controls

General Precautions	Explosive mixtures may form at ambient temperatures. Aspiration into lungs caused by vomiting is
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harmful and can be fatal. Contains 1% benzene which is classified as a category 2 carcinogen. Repeated exposure to benzene may cause anaemia and other blood diseases including leukemia. Do not siphon by mouth.

Further Controls Required

Do not allow petrol to contaminate the ground. Only fill equipment in designated areas or on impermeable ground. Clear up any spills immediately.

First Aid Measures

Eyes Immediately wash with water for at least 15 mins. Obtain medical advice if pain or redness develops. Skin Remove contaminated clothes as soon as possible. Wash exposed skin thoroughly with soap and water. If irritation persists seek medical attention. Ingestion DO NOT induce vomiting. Seek immediate medical attention. Inhalation If over exposure occurs, remove to fresh air. Seek medical attention.

Spillage Procedure

Contain any spillage in sand, sawdust or earth. Combustible fume must be allowed to ventilate to atmosphere. Ensure no smoking or naked flame is present in area. Do not allow any electrical switching in area. Avoid contact with skin, eyes and clothing. Evacuate the area of all non-essential personnel. Ventilate contaminated area thoroughly. If contamination of sites occurs remediation may require specialist advice.

Handling and Storage

Only small quantities are to be stored in specifically designed containers which must be kept tightly closed and stored upright. It must be stored in a cool, remote place away from any sources of heat, ignition or open flame. Do not eat, drink or smoke whilst handling.

Disposal Considerations

Dispose of in accordance with local authority regulations

Fire Prevention

Use carbon dioxide, dry powder or foam fire extinguishers. DO NOT use water jets. Forms extremely flammable vapour and air mix. Self-Contained Breathing Apparatus must be worn when approaching a fire in a confined space. Select fire fighter's clothing approved to relevant Standards (e.g. Europe: EN469). Additional Advice : Keep adjacent containers cool by spraying with water. If possible remove containers from the danger zone. If the fire cannot be extinguished the only course of action is to evacuate immediately.

COSHH Assessment Comments

Signatures				
	Name	Title	Signature	Date
Document Author	Phil Collins		<i>PT Collins</i>	10/07/2024

Sign Off Sheet		
I have read and understood the contents of this COSHH Assessment.		
Anything I did not understand has been explained to me to my satisfaction.		
I agree to follow the COSHH Assessment and understand that any control procedures are provided for my safety and the safety of others.		
<u>Print Name</u>	<u>Signed</u>	<u>Date</u>
Philip Collins	<i>PCollins</i>	10/07/2024 15:49:51
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