



COSHH Risk Assessment No: 05

Name of substance, manufacturer and safety data sheet reference.	Diesel		
Describe the activity or process <i>(Include how long and how often this is carried out and the quantity of substance used. A copy of a current safety data sheet (SDS) for the substance should be attached to this assessment and cross-referenced when completing it).</i>	Use as a fuel		
Specify where the activity or process is being carried out	In fuel stations to refuel vehicles In depot / on site to refuel plant and equipment		
Identify the persons at risk:	Employees (including trainees) ☒	Contractors ☒	Public ☐

Hazard(s)

Physical Nature of Hazard - SDS Section 9.1

☒	☐	☐	☐	☐	☐	☐	☐
Liquid	Dust	Solid	Fume	Mist	Vapour	Gas	Other (state) _____

Classification of Hazard - SDS Section 2.2

Moderate hazard	Acutely toxic	Corrosive	Health hazard	Flammable	Oxidising	Explosive	Gas under pressure	Harmful to the aquatic environment
☒	☐	☐	☒	☒	☐	☐	☐	☒

Risk(s)

Signal Word - SDS Section 2.2

Warning

☐

Danger

☒

Add Hazard Statement(s) - SDS Section 2.2

H226 - Flammable liquid and vapor
H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H332 - Harmful if inhaled
H351 - Suspected of causing cancer
H373 - May cause damage to organs (Thymus, Liver, Bone Marrow) through prolonged or repeated exposure
H411 - Toxic to aquatic life with long lasting effects

Route of Exposure - SDS Section 4.1

☒	☒	☒	☒	☐
Inhalation	Ingestion	Skin Contact	Contact with Eyes	Other (state) _____

Risks to Health – Most Important Symptoms and Effects - Refer to safety data sheet (attached) SDS Section 4.2

Skin irritation signs and symptoms may include a burning sensation, redness, swelling, and/or blisters. Breathing of high vapour concentrations may cause central nervous system (CNS) depression resulting in dizziness, light headedness, headache, nausea and loss of concentration.

Workplace Exposure Limits (WELs) please indicate n/a where not applicable - SDS Section 8.1

Long-term exposure level (8hrTWA):
100 mg/m³ as total hydrocarbons

Short-term exposure level (15 minutes):
4300 mg/m³ inhalation (this is a Derived No Effect Level)

Control Measures: (for example extraction, ventilation, training, supervision) - SDS Section 8.2

Provide adequate ventilation, to ensure that occupational exposure limits are not exceeded. Local extraction may be required.
Eye wash and quick drench showers should be available in the work area. Contaminated clothing and shoes should be thoroughly washed before reuse.

First Aid: Recommended Actions - SDS Section 4.1	
Inhalation:	Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Ingestion:	Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain and open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin Contact:	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Contact with Eyes:	Immediately flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
Other:	<u>General notes:</u> Aspiration into the lungs may occur directly or following ingestion. This may cause chemical pneumonitis which may be fatal. If ingested may lead to irritation of the mouth, irritation of the throat, irritation of the digestive tract, and vomiting. Splashes into the eye may cause irritation.
Is health surveillance or monitoring required? Yes ☐ No ☒	

Personal Protective Equipment (state type and standard) - SDS Section 8.2			
 ☐		 ☐	
Dust Mask		Visor	
 ☐		 ☒	Goggles or safety glasses with side shields giving complete protection to the eyes. (EN 166)
Respirator		Goggles	
 ☒	Chemical-resistant gloves should be worn (EN 374). Suitable glove material: nitrile, neoprene or PVC (breakthrough time > 240 minutes). Contact glove supplier to confirm suitable glove material, thickness and breakthrough times.	 ☐	Long sleeve protective clothing, plastic apron
Gloves		Overalls	
 ☒	Rubber boots should be worn	 ☐	
Footwear		Other	

Storage Arrangements - SDS Section 7.2
This product must never be stored in buildings occupied by people. Drums and small containers should be stored in well ventilated areas, flameproof cabinets or stores. Keep container tightly closed in a dry, well ventilated place away from direct sunlight and other sources of heat or ignition. Keep in a bunded area with a sealed (low permeability) floor, to provide containment against spillage. Stack drums to a height not exceeding 3 metres without the use of racking. Locate tanks away from heat and other sources of ignition. Seek specialist advice for the design, construction and operation of bulk storage facilities. For specific details on tank materials, cleaning and product transfer, see the msds section 7.2). Containers, even those that have been emptied, can contain explosive vapours. Do not cut, drill, weld or perform similar operations on or near containers.

Disposal of residual waste and Containers - SDS Section 13.1 and guidance	
Hazardous Waste ☒ Skip ☐ Return to Depot ☐ Return to Supplier ☐ Other (state) ☐	
(If Other Please State):	

Firefighting measures, accidental release measures, toxicological information and ecological information are provided in the safety data sheet (attached).

Is exposure adequately controlled?	Yes ☒ No ☐
Risk Rating After Implementation of Control Measures (see guidance)	
High ☐	Medium ☐ Low ☒
Assessed by: Michael Watson	Date: 01 September 2017 Review Date: 01 September 2018