

# Twyford Waterworks Trust

## GENERAL COSHH RISK ASSESSMENT

<b>PRODUCT NAME:</b> Diesel Fuel Oil		<b>Ref:-</b>	
<b>Assessor (S):</b>	R Caine/G Bailey	<b>Area used:</b> Diesel engine rooms	<b>Date:</b> From May 2015
<b>Product Code Number:</b>		<b>Location:</b> Oil store (rectifier house)	
<b>Supplier:</b>	CP Lubricants Ltd	<b>Emergency Contact Number:</b>	
<b>Hazard:</b> To Volunteers – spillage/splashing when handling To Environment – Failure to contain spillage and consequent pollution of aquifer		<b>Chemical Ingredients:</b> See COSHH data sheet	
<b>Description of Use (including Maintenance and Cleaning if applicable)</b> As a fuel for heavy diesel engines			
<b>Workplace Exposure Limit (WEL)</b>			
<b>Material:</b> PCAs	WEL None specified – exposure limited by occasional nature of use by volunteers		<b>Static/Personal monitoring (Yes/No)</b> No
<b>Risk Phrases:</b> R51/R53 long term adverse effect in aquatic environment			
<b>Safety Phrases:</b>			
	<b>Assessment of Exposure</b>		<b>Consequence of Exposure (toxicological)</b>
<b>Usage:</b> <ul style="list-style-type: none"><li>• Routes of entry</li><li>• Evidence of Exposure (splashes/dust etc.)</li><li>• Working practices</li></ul>			See COSHH Data Sheet
<b>Control Measures:</b> (hierarchy of control :Substitution; Enclosure; Engineering control; Personal Protective Equipment)			
	<b>Existing</b>	<b>Limitations of Control</b>	
<b>Existing control measures.</b>	Wear PPE when handling :- Gloves, overalls and safety goggles (use of barrier ream on hands is advised)	Serious spillage may soak through clothing  Inhalation of vapour	
<b>Are existing control methods effective.</b>	Yes		

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<b>LEV testing records?</b> (Yes/No)	N/A		
<b>Location of records</b>			
<b>Required control approach (re:HSE Guidance sheets 100, 200, 300, S100/S101)</b>	No occupational exposure limit specified. Vapour levels to be controlled to lowest practical levels e.g. maintain natural ventilation in engine rooms when handling.		
<b>Health Surveillance Requirement/Type</b>	None		
<b>Emergencies:</b>			
<b>Possible Scenarios</b> (Feasible Risks)	<b>Consequences</b>	<b>Control Measures/Procedures</b>	
Major spillage from 225ltr drum due to damage or overturning ( unlikely because suppliers drum is not handled after delivery, hand pump used to extract small quantities )	Fire risk  Escape into environment and contamination of public water supply	Remove ignition sources, call fire brigade Handle on impermeable surface, maintain stocks of absorbent materials to prevent entry to surface water drains <b>NOTIFY EA and Southern Water IMMEDIATELY</b>	
Minor spillage		As above – any absorbent materials should be stored in a steel bucket for safe disposal away from ignition sources	
Fire adjacent to fuel storage		Clear Area – call fire brigade	
<b>General</b>			
<b>Personnel Using or Exposed to Product:</b> Volunteers operating fixed diesel engines			
<b>Department Responsible:</b>			
<b>Person Responsible:</b> Geoff Bailey			
<b>Storage:</b> In 225 ltr Drum	<b>Where Stored:</b> Locked, ventilated and bunded store	<b>Precautions:</b> Store on bunded pallet	
<b>Assessment Of Exposure Due To Emergency / Unplanned Event:</b> Inhalation of vapour – remove affected person to fresh air			
<b>How Do We Ensure Precautions Are Used?</b> Training of Volunteers who handle this product			
<b>Training / Instructions For Use given / Required:</b>			
<b>Comments and Actions required:-</b> Please list any particular activity which may require further specific Risk assessment.  Delivery of 225 ltr drums by supplier			
<b>Date Due:</b> Before next delivery	<b>Person Responsible:</b> Geoff Bailey	<b>Date Completed:</b>	<b>Signature:</b>
<b>Product Disposal (including container):</b> Empty drum collected by supplier			
<b>Managers Name:</b>		<b>Competent COSHH Assessor:</b>	
<b>Links:</b>		<b>Occupational Health Advisor:</b>	

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<b>Additional information – First Aid</b>			
	<b>Risk</b>	<b>Protection</b>	<b>First Aid</b>
<b>Eyes</b>	<b>Splashes</b>	<b>Goggles/safety glasses</b>	<b>Eye bath and seek medical advice if painful</b>
<b>Skin</b>	<b>Splashes</b>	<b>Overalls and gloves</b>	<b>Remove contaminated clothing &amp; wash with soap and water</b>
<b>Ingestion</b>		<b>Ingestion of significant amount highly unlikely</b>	<b>Wash out mouth, seek medical advice – DO NOT INDUCE VOMITING</b>
<b>Inhalation</b>	<b>Vapour from spillage</b>	<b>Move to fresh air</b>	<b>Seek medical advice if breathing difficulty or feeling unwell after removal to fresh air</b>
<b>Environment</b>	<b>Contamination of public water supply</b>	<b>Contain spillage on impervious area</b>	<b>Alert EA &amp; Southern Water emergency numbers</b>
<b>Fire</b>	<b>Burning fuel</b> <b>Fire adjacent to fuel</b>	<b>Clear the area &amp; call fire brigade</b> <b>If spotted early, trained volunteers may tackle fire if it is safe to do so</b>	<b>For any significant burn injury call ambulance</b>
<b>Other Hazards</b>	<b>Moving heavy drum</b>	<b>Normal heavy lift precautions, use purpose made drum trolley. Minimum of two persons available</b>	