

Twyford Waterworks Trust

GENERAL COSHH RISK ASSESSMENT

PRODUCT NAME: OM750 Steam Engine Lubricating Oil		Ref:-	
Assessor (S):	R Caine/G Bailey	Area used: Steam engine room	Date: From May 2015
Product Code Number:		Location: Oil store (rectifier house)	
Supplier:	CP Lubricants Ltd	Emergency Contact Number:	
Hazard: To Volunteers – low hazard product To Environment – Failure to contain spillage and consequent pollution of aquifer		Chemical Ingredients: See COSHH data sheet	
Description of Use (including Maintenance and Cleaning if applicable) As a lubricant for the Hathorne Davey Steam Engine			
Workplace Exposure Limit (WEL)			
Material: PCAs	WEL None specified – exposure limited by occasional nature of use by volunteers		Static/Personal monitoring (Yes/No) No
Risk Phrases: R51/R53 long term adverse effect in aquatic environment			
Safety Phrases:			
	Assessment of Exposure		Consequence of Exposure (toxicological)
Usage: <ul style="list-style-type: none">• Routes of entry• Evidence of Exposure (splashes/dust etc.)• Working practices			See COSHH Data Sheet
Control Measures: (hierarchy of control :Substitution; Enclosure; Engineering control; Personal Protective Equipment)			
	Existing	Limitations of Control	
Existing control measures.	Stored in suppliers drum in bunded oil store. Small quantities removed by hand pump for transfer in small drums. Wear PPE when handling :- Gloves, overalls and safety goggles (Use of barrier cream advised)		
Are existing control methods effective.	Yes		

Twyford Waterworks Trust

LEV testing records? (Yes/No)	N/A		
Location of records			
Required control approach (re:HSE Guidance sheets 100, 200, 300, S100/S101)	No occupational exposure limit specified. Low hazard product		
Health Surveillance Requirement/Type	None - Very occasional exposure		
Emergencies:			
Possible Scenarios (Feasible Risks)	Consequences	Control Measures/Procedures	
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)	Escape into environment and contamination of public water supply	Handle on impermeable surface, maintain stocks of absorbent materials to prevent entry to surface water drains NOTIFY EA and Southern Water IMMEDIATELY	
Minor spillage		As above – any absorbent materials should be stored in a steel bucket for safe disposal away from ignition sources	
Fire adjacent to oil storage		Clear Area – call fire brigade	
General			
Personnel Using or Exposed to Product: Volunteers operating the fixed steam engine			
Department Responsible:			
Person Responsible: Geoff Bailey			
Storage: In 225 ltr Drum	Where Stored: Locked, ventilated and bunded store	Precautions: Store on bunded pallet	
Assessment Of Exposure Due To Emergency / Unplanned Event: Inhalation of vapour – remove affected person to fresh air			
How Do We Ensure Precautions Are Used? Training of Volunteers who handle this product			
Training / Instructions For Use given / Required:			
Comments and Actions required:- Please list any particular activity which may require further specific Risk assessment. Delivery of 225 ltr drums by supplier			
Date Due: Before next delivery	Person Responsible: Geoff Bailey	Date Completed:	Signature:
Product Disposal (including container): Empty drum collected by supplier			
Managers Name:		Competent COSHH Assessor:	
Links:		Occupational Health Advisor:	

Twyford Waterworks Trust

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