










COSHH ASSESSMENT FORM

Risk Assessment Reference Number: COSHH107		Date of Assessment: 31/10/2025RA94 Modern Slavery	
Assessor/s: Jamie-Lee Macavoy		Name of Substance: Pirtek Hydraulic Oil 46	
Date of Safety Data Sheet (SDS): 29/03/2016		Manufacturer: Pirtek UK Ltd	
Use (details of the way it is used): use as per manufacturer guidelines.			
Frequency of Exposure: varies		Duration of Exposure: short duration	
Workplace Exposure Limit (WEL):	<input type="checkbox"/> Not Assigned	Distillates petroleum solvent-dewaxed heavy paraffinic 2-ethylhexyl zinc dithiophosphate Benzenesulfonic acid mono C16-alkyl derivs	TWA 5mg/m3 STEL 10mg/m3 Dermal 0.14mg/kg/day Inhalation 0.42ppm Dermal 3.33mg/kg Inhalation 0.66mg/m3
Hazard Warning Symbols associated with substance (circle):			
 Explosive	 Corrosive	 Flammable	 Serious Health Hazard
	 Health Hazard	 Oxidising	 Toxic
		 Hazardous to Environment	 Gas under Pressure

Worst Case Outcome				
5	4	3	2	1
Fatality	Severe Injury	Lost time Injury	Minor Injury	No Injury

Likelihood				
5	4	3	2	1
Certain	Very likely	likely	Unlikely	Remote

Risk Rating Outcome X Likelihood		
High	Medium	Low
15-25	10-12	1-9

Persons affected by the Activity	Identified Hazards	Control Measures Already in Place	Outcome	Likelihood	Risk Rating	Is further action required Yes/No
Employees/ Contractors/ Others	Respiratory problems due to inhalation	Only trained, competent personnel are authorised to use product. Product only to be used in well-ventilated areas.	2 Minor Injury	2 Unlikely	4 Low	No
Employees	Ingestion (gastrointestinal irritation)	Ensure hands are washed prior to eating, drinking and smoking.	2 Minor Injury	1 Remote	3 Low	No
Employees/ Contractors/ Others	Irritation of eyes and skin/dermatitis due to contact	Eye protection and protective gloves available. EN166 eye protection (goggles), EN374 Gloves. Use barrier creams available. Eye wash station available and adequate supply. Ensure good hygiene practices are followed.	3 Lost time Injury	2 Unlikely	6 Low	No
Employees/ Contractors/ Others	Fire and explosion	Minimal quantities are stored. Ordered as required. Suitable and sufficient fire extinguishers located in works areas. Use foam, CO2, dry powder or water fog.	5 Fatality	1 Remote	5 Low	No
Environment	Pollution and contamination to ground and watercourse	Must be used in line with manufacturer's instructions. Must be disposed of in line with local waste conditions. Stop at source, contain and clean up spill. Avoid release into the environment.	1 No Injury	2 Unlikely	2 Low	No



Further Control Measures						Further Control Measures Follow up					
						Allocated to (Name)	Target date	Date completed			
Review date/s:											
Reviewed By:											