





COSHH Assessment - Gun Cleaning

Activity
Gun Wash is a solvent based cleaning product designed specifically for the purpose of cleaning paint spray guns and spray equipment. After use, spray guns are rinsed out with either a solvent or water-based gun wash to remove paint residues. This activity takes place daily and lasts for up to 10 minutes.

Substance(s) used	Who is at Risk?	
Octoral TR80 Eco Gun wash cleaner (5 litre) Leading Solvents 5 Litre Standard Thinner	Technicians, bystanders and other employees	
	Likelihood of harm without controls	Medium
	Likely severity without controls	Medium
How are people exposed?		
Exposure occurs through decanting the product, decanting it into the spray gun and spraying it out. Ingestion, inhalation, skin and eye contact may occur.		






Workplace Exposure Limit (WEL) – see individual Safety Data Sheets	
Hazard Statements	
H225	Highly flammable liquid and vapour
H302	Harmful if swallowed
H332	Harmful if inhaled
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation.
H319	Causes serious eye irritation
H331	Toxic if inhaled
H336	May cause drowsiness or dizziness.
H371	May cause damage to organs
H373	May cause damage to organs through prolonged or repeated exposure
H411	Toxic to aquatic life with long lasting effects

Serious long-term health hazard	Flammable	Harmful	Harmful to the Environment
			

Precautions	
Handling	Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. Take precautionary measures against static discharge. Do not breathe vapours. Avoid release to the environment. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing, eye protection, face protection.

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Storage	Store in a well-ventilated place when in use, keep cool. Keep away from heat, sparks and open flame. Keep containers tightly closed. Keep upright. Keep in original container. Avoid contact with oxidising agents. Do not store near heat sources or expose to high temperatures. Store in flammable cupboard when not in use. Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.
Spillages	Cover spill with non-combustible material, e.g. sand, earth, vermiculite. Take up liquid spill into absorbent material. Absorb remaining liquid with sand or inert absorbent and remove to safe place. Notify authorities if product enters sewers or public waters. Dispose of materials or solid residues at an authorised site.
Disposal	Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority. Do not puncture or incinerate even when empty

PPE Required				
Eye Protection	Gloves	Overalls	Mask/Respirator	Other
				
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<ul style="list-style-type: none"> Solvents are an irritant to eyes so eye protection must be worn to avoid exposure Gloves should be worn to protect the skin from splashes as long-term exposure can cause dermatitis or other skin conditions. Butyl gloves should be worn when gun cleaning Solvents contain materials which can cause damage to organs, upper respiratory tract and central nervous system if ingested/inhaled therefore a mask should be worn when using large quantities 				

Emergency Procedures – First aid and Fire fighting	
Inhalation	Remove victim immediately from source of exposure. Move injured person into fresh air and keep person calm under observation. Place unconscious person on the side in the recovery position and ensure breathing can take place. Perform artificial respiration if breathing has stopped. Seek medical advice
Ingestion	Immediately rinse the mouth and drink plenty of water or milk. Keep the person under observation. Do not induce vomiting. If vomiting occurs, keep the head low. Do not give the victim anything to drink if they are unconscious. When at risk of unconsciousness, place and transport the victim in a secured side position to hospital
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Rinse with water. Get medical attention promptly if symptoms occur after washing
Eye contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Do not rub eye. Get medical attention if any discomfort continues
Fire fighting	Water spray. Dry powder. Foam. Carbon dioxide. Do not use a heavy water stream

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Safe System of Work (Tick to confirm this control is in place and effective)	
Disposable gloves and eye protection are worn when handling/decanting solvents	✓
Eye wash facilities are available in the van	✓
Gun Cleaning is carried out in an enclosed machine/receptacle	✓
Health surveillance is carried out annually – skin and lung function checks	✓
Lids are kept on bins that contain waste solvents when not in use	✓
Lids are kept on tins when not in use and stored away	✓
Wherever possible water borne/safer panel wipe is used	✓
Safety Data Sheets are available/checked where required	✓
Products used are clearly marked and kept in its original container	✓
Product is stored away from sources of ignition (solvents are flammable)	✓
Any used rags/material are placed in a container which is lidded after use	✓
Gun cleaning is carried out in well-ventilated areas	✓
Technicians are competent and aware of the risks	✓
Fume masks are available and worn when exposure to solvent vapour is likely	✓
Provided all Control Measures are followed then the risk will be reduced to the lowest level possible.	

Are hazards to health adequately controlled with all necessary control measures in place?	Yes	✓	No	
<p>If these controls are not in place, or additional controls are required, state the action to be taken. Please Note – COSHH substances must NOT be used if adequate control measures are not in place</p>				
Additional Control measures required				
None required				
Any other observations or comments				
None at this time				
Assessed by (Name)	Julie Eley CMIOSH			
Signature				
Date	27 th November 2024			
Due for review	November 2025			