










Chemical Agents Risk Assessment – Part 1 of 3			
Division: Acute Hospital		Source of Risk: Risk assessment	
HG/CHO/NAS/Function: RCSI Hospital Group		Primary Impact Category: Harm to a Person/Compliance	
Hospital Site / Service: ABC Hospital		Risk Type: Operational	
Dept/Service Site : Medical Ward		Name of Risk Owner (BLOCKS):MARY BROWN	
Date of Assessment: 17/8/2018		Signature of Risk Owner: Mary Brown	
Unique ID No: 1234		Risk Co-Ordinator: N/A	
		Risk Assessor(s) Mary Brown/Joe Bloggs	
Chemical Name (Concentration):		Chemical Process:	
Bleach		A general chlorine based liquid disinfectant cleaner	
Number of Employees Exposed:	Categories of employees likely to be exposed: (Tick)	Duration and frequency of contact (Hr/day):	
1 employee in contact with product at any one time.	Nursing Staff <input type="checkbox"/> Medical Staff <input type="checkbox"/> Care Staff <input checked="" type="checkbox"/> Maintenance Staff <input type="checkbox"/> Housekeeping <input type="checkbox"/> Others (please specify):	Daily exposure for up to 10 minutes at a time.	
Safety Data Sheet available: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Location of SDS : :Attached in departmental chemical inventory list on "X drive".	Date of SDS:23/2/2018
Amount used and quantity stored	Hazard and risk associated with chemical:	Exposure route(s) (Tick):	Dustiness or Volatility: High, Medium or Low
1 x5 litre container		Eyes <input checked="" type="checkbox"/>	No dust generated from this product.

used fortnightly 1x5 litre container stored in locked press.	H315 Causes skin irritation H318 Causes serious eye damage H400 Very toxic to aquatic life H411 Toxic to aquatic life with long lasting effects	Skin <input checked="" type="checkbox"/> Ingestion <input type="checkbox"/> Inhalation <input type="checkbox"/>	This product is not volatile
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Chemical Agents Risk Assessment – Part 2 of 3									
Classification, Labelling and Packaging (CLP) Hazard Symbols									
CLP SYMBOLS									
	Acute toxicity hazard	Serious long term health hazard	Health hazard	Corrosion Hazard	Environmental hazard	Flammability hazard	Oxidising Hazard	Explosion Hazard	Stored as gas under pressure
Tick appropriate pictogram. Refer to section 2 of SDS				✓	✓				
Insert appropriate signal word i.e. danger or warning . Refer to section 2 of the SDS Danger									
Occupational Exposure Limit Value (OELV) If applicable insert airborne OELV .Refer to Code of Practice to Chemical Agents Regulations 2018. There is no OELV for Bleach.									

Unique ID No 1234

HAZARD & RISK DESCRIPTION	EXISTING CONTROL MEASURES	ADDITIONAL CONTROLS REQUIRED	ACTION OWNER	DUE DATE
<p>Risk of ill health due to potential exposure to bleach to Healthcare staff.</p> <p>The potential exposure is via skin / eye contact while sterilising work surfaces on a daily basis.</p>	<p>Storage: Stored in a cool, dry, well -ventilated area away from light. Bleach is stored in a locked cupboard separate to incompatible products such as acids as per SDS.</p> <p>Use: Use in accordance with manufacturer’s instructions. Do not use/mix with any other chemicals, as contact with acids can liberate toxic gas. Chemicals must only be used by trained staff and in accordance with SOP 001.01</p> <p>PPE: Gloves (Household rubber gloves), eye protection & aprons to be worn. Same issued as required.</p> <p>Waste: Discharge used solutions to drain. Small amount (less than 5 litres) of unwanted product may be flushed with water to sewer.</p> <p>Spill Procedure: In the event of a spillage, protective clothing, gloves, eyes and face protection to be worn. <u>Small Spill:</u> Flush away spillage with plenty of water.</p> <p>Refer to local spillage procedures. All employees trained in the spillage procedure. All spillages to be recorded on incident reporting form & investigation completed by Manager in consultation with staff.</p> <p>Based on the amount used & stored, large spill unforeseen.</p>	<p>Chemical safety awareness training to be organised for the reminder of staff based on training needs assessment.</p> <p>Continuous monitoring & review of all existing controls.</p>	<p>Mary Brown</p> <p>Mary Brown/all employees</p>	<p>31/1/2019</p> <p>17/12/2018</p>

<p>In the event of a fire follow local procedures and training.</p> <p>First Aid: <u>Skin Contact:</u> Wash with plenty of water. Seek medical attention if irritation persists. <u>Eye Contact:</u> Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse. Seek medical attention immediately. <u>Ingestion :</u>Do not induce vomiting. Give plenty of water to drink. Seek medical attention. <u>Inhalation:</u> Unlikely route of exposure as the product does not contain volatile substances. If spray/mist has been inhaled, if safe remove the staff member from the area & allow the staff member to breathe fresh air. Staff member to remain in a position comfortable for breathing. Get medical attention.</p> <p>Hygiene measures: to reduce potential exposure wash hands with liquid soap & water before eating, drinking and when leaving work.</p> <p>Training: Half of the staff compliment has completed the chemical safety module on HSEland.</p>					
INITIAL RISK			Risk Status		
Likelihood	Impact	Initial Risk Rating	Open	Monitor	Closed
Possible(3)	Minor(2)	M6	✓		