

# Mentor Services

## COSHH Risk Assessment: RAEV005

### Client: All Client sites

<b>Substance/Preparation Name</b>	CYCLONE BLEACH		
<b>Task/Activity</b>	GENERAL THICKENED AND PERFUMED CHLORINE BLEACH		
<b>Assessor</b>	MATTHEW LEWIS	<b>Location of Assessment</b>	ALL CUSTOMER SITES

COSHH Details	
<b>Trade Name</b>	CYCLONE
<b>Manufacturer / supplier</b>	EVANS VANODINE INTERANTIONAL, BRIERLEY ROAD, WALTON SUMMIT, PRESTON, PR5 8AH
<b>Route of Exposure</b>	Inhalation Absorption Eyes Ingestion
<b>Physical State</b>	Liquid
<b>Flammability</b>	Non-Flammable
<b>Volatility</b>	Low volatility
<b>Quantities Used</b>	Small (grams or millilitres)
<b>Duration of Exposure</b>	2 -10 minutes per task
<b>Frequency of Exposure</b>	Once – four times per shift (per day)
<b>Conditions of Use</b>	Follow manufacturer's instructions. Wear gloves, keep away from eyes. Keep container tightly closed, do not inhale. Avoid Acids, reducing agents. Chlorine gas can be released if heated.

### Substance Risk and Safety phrases and Hazard statements

Risk Phrase	Description	Safety Statement	Description
R36/38	Irritating to eyes and skin	H314	Causes severe skin burns and eye damage
R31	Contact with acids releases toxic gas	H318	Causes serious eye damage
R50	Very toxic to aquatic life	H400	Very toxic to aquatic life

Substance Composition						
Description	Percentage	Colour	Workplace Exposure Limit		Risk Phrases	Hazard Statement
			long-term	short-term		
Sodium Hypochlorite solution, % CI Active	3-5%		Not known	Not known	R34 R31 R50	H314 H318 H400
C10-16 Alkyl Dimethylamine Oxide	0.1-1%		Not known	Not known	R38 R41 R50	H302 H315 H318 H400
Sodium Hydroxide	0.1-1%		Not known		2 mg/m3 R35	H290 H314

Composition/Ingredient Risk phrases and Hazard statements

Risk Phrase	Description	Hazard Statement	Description
R31	Contact with acids releases toxic gas	H290	Maybe corrosive to metals
R34	Causes burns	H302	Harmful if swallowed
R35	Causes severe burns	H314	Causes severe skin burns and eye damage
R36,38	Irritating to eyes, Irritating to skin	H315	Causes skin irritation
R38	Irritating to skin	H318	Causes serious eye damage
R41	Risk of serious damage to eyes	H400	Very toxic to aquatic life
R50	Very toxic to aquatic life		


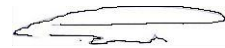
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Risk Rating Matrix (RR)	Likelihood (L)		
Severity (S)	Certain or near certain to occur (High)	Reasonably likely to occur (Medium)	Unlikely to occur (Low)
Fatality; major injury or illness causing long term disability (High)	<b>HIGH (H)</b>	<b>HIGH (H)</b>	<b>MEDIUM (M)</b>
Injury or illness causing short term disability (Medium)	<b>HIGH (H)</b>	<b>MEDIUM (M)</b>	<b>LOW (L)</b>
Other injury or illness (Low)	<b>MEDIUM (M)</b>	<b>LOW (L)</b>	<b>LOW (L)</b>

Ref	Hazards	Who is at risk?	Controls in place	L	S	RR	Adequately controlled?
1.	Irritant	Employees	<ul style="list-style-type: none"> <li>Chemical used and stored in well ventilated areas</li> <li>Staff trained in use of chemical/ Follow label instructions</li> <li>Chemical locked away and out of reach of children</li> <li>Staff provided with gloves and overalls for prolonged use of chemical</li> <li>Keep container tightly closed</li> <li>Colour coded cloths</li> <li>Keep products off skin/wash with plenty of water</li> </ul>	L	M	L	Yes
2.	Exposure	Employees	<ul style="list-style-type: none"> <li>Do not allow contact with acid as may release fumes</li> <li>Chemical used and stored in well ventilated areas</li> </ul>	L	M	L	Yes
3.	Eye damage	Employees	<ul style="list-style-type: none"> <li>Do not allow chemical to come in contact with eyes</li> <li>Ensure the lid of chemical is secured immediately after use</li> <li>Store below eye level</li> </ul>	L	M	L	Yes

Hazard Ref	Additional control	Assigned to	Date Completed	L	S	RR
(none)						

COSHH Additional Details	
<b>Spillage Procedure</b>	PPE should be worn when dealing with any spillage. Small spillages: Flush away spillage with plenty of water. Large spillage: Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely.
<b>Disposal</b>	Less than 5 Litres flushed with water to sewer. Larger amounts disposal by waste approved waste contractor.
<b>First aid procedure/symptoms: Inhalation</b>	Remove from exposure. Keep warm and at rest position comfortable for breathing. If discomfort persists seek medical advice. Move to Fresh air. Irritation of nose, throat and airway.
<b>First aid procedure/symptoms: Skin contact</b>	Wash with plenty of water. If symptoms persist then seek medical attention immediately. Burning pain, severe corrosive skin damage. Serious chemical burns to skin.
<b>First aid procedure/symptoms: Ingestion</b>	Do not induce vomiting unless instructed to do so by medical personnel. Rinse mouth with water and drink one or two glasses of water. Seek medical advice. May cause burns to mouth and throat.
<b>First aid procedure/symptoms: Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention. Symptoms: May cause severe eye irritation, burning and tearing. Prolonged contact may cause severe eye and tissue damage.
<b>Health Surveillance</b>	Check hand skin monthly

<b>Date of Assessment</b>	01/03/2017	<b>Signatures</b>	 
<b>Review date</b>	01/03/2018		