

Mentor Services

COSHH Risk Assessment: RAEV004

Client: All Client sites

Substance/Preparation Name	MYSTROL		
Task/Activity	ALKALINE LIQUID HARD SURFACE CLEANER AND DEGREASER		
Assessor	MATTHEW LEWIS	Location of Assessment	ALL CUSTOMER SITES

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

Substance Risk and Safety phrases and Hazard statements

Risk Phrase	Description	Safety Statement	Description
R36	Irritating to eyes	S2	Keep out of reach of children
		S25	Avoid contact with eyes
		S26	Contact with eyes rinse immediately
		S46	If swallowed seek medical advice immediately

Substance Composition								
Description	Percentage	Colour	Workplace Exposure Limit				Risk Phrases	Hazard Statement
			long-term		short-term			
1-Methoxy-2-Propanol	5-10%		100 ppm (Sk)	375 mg/m ³ (Sk)	150 ppm (Sk)	560 mg/m ³ (Sk)	R10	H226 H336
Butoxypropanol	5-10%		Not known		Not known		R36/38	H315 H319
2-Aminoethanol	1-5%		1 ppm	2,5 mg/m ³	3 ppm	7,6 mg/m ³	R34 R20/21/22	H302,H312 H332,H314 H335
Alcohol (C9-C11) Ethoxylate (6EO)	1-5%		Not known		Not known		R22 R41	H302 H318
Alcohol (C9-C11) Ethoxylate (8EO)	1-5%		Not known		Not known		R22 R41	H302 H318
Turpentine, Oil	0-1%		100 ppm	566 mg/m ³	150 ppm	850 mg/m ³		

Composition/Ingredient Risk phrases and Hazard statements



Risk Phrase	Description	Hazard Statement	Description
R21	Harmful in contact with skin	H302	Harmful if swallowed
R22	Harmful if swallowed	H312	Harmful in contact with skin
R34	Causes burns	H314	Causes severe skin burns and eye damage
R36,38	Irritating to eyes, Irritating to skin	H315	Causes skin irritation
R41	Risk of serious damage to eyes	H318	Causes serious eye damage
R50	Very toxic to aquatic organisms	H319	Causes serious eye irritation
R10	Flammable	H400	Very toxic to aquatic life
R20/21/22	Harmful by inhalation, skin and if swallowed	H336	May cause drowsiness or dizziness
R65	Harmful cause lung damage if swallowed	H226	Flammable liquid and vapour
R36	Irritating to eyes	H332	Harmful if inhaled
R37	Irritating to respiratory system	H304	Fatal if swallowed and enters airways
R43	Sensitisation by skin contact	H317	Allergic skin reaction
R51/53	Toxic to aquatic organisms	H335	May cause respiratory irritation
		H411	Toxic to aquatic life

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

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

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

COSHH Additional Details	
Spillage Procedure	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.
Disposal	Less than 5 Litres flushed with water to sewer. Larger amounts disposal by waste approved waste contractor.
First aid procedure/symptoms: Inhalation	Remove from exposure. Keep warm and at rest position comfortable for breathing. If discomfort persists seek medical advice. Move to Fresh air. No specific symptoms known.
First aid procedure/symptoms: Skin contact	Wash with plenty of water. No specific symptoms known. But prolonged or excessively repeated skin contact could lead to removal of natural oils from skin.
First aid procedure/symptoms: Ingestion	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. No specific symptoms known. May cause discomfort if swallowed.
First aid procedure/symptoms: Eye contact	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 temporary eye irritation. Prolonged contact may cause severe redness and tearing.
Health Surveillance	Check hand skin monthly

Date of Assessment	01/03/2017	Signatures	 
Review date	01/03/2018		