

# COSHH ASSESSMENT PATIO MAGIC HARD SURFACE BIOCIDES




## STEP 1 – ASSESSMENT DETAILS

Hazard Control Ref:	CCG-019	Supplier:
Issue Number:	05	Evergreen Garden Care UK Ltd. 1, Archipelago Lyon Way GU16 &ER Frimley- United Kingdom T: 01276 401300
Date Completed:	23 April 2024	
Employee Consultation and Involvement:	Lisa Carbino	
Re-Assessment Due*:	Two years from above date.	
Assessment Completed By:	Health and Safety Manager	Emergency Telephone Number:
		NHS medical toxicology information service: <b>111 (24 hours)</b> Emergency: <b>999</b>

## STEP 2 – PROCEDURES BEFORE STARTING TASK

Read C.O.S.H.H. Assessment	Dilute Chemicals to Manufactures Instructions	Training and Knowledge Company Safety Site-Induction Form:F039	Trained Employees with Appropriate PPE Only To Use This Product	Perform Visual Check of Equipment and Area to be Cleaned	Place Warning Signs at Access/ Egress Point
✓	✓	✓	✓	✓	✓

## STEP 3 – PRODUCT SUMMARY

Product: Name:	Patio Magic Hard Surface Biocide	Symbols (s) :	
Hazard Classification:	Skin corrosion/irritation Cat 2 H315 Serious eye damage Cat 1 H318 Aquatic Acute Cat 1, H400 Aquatic Chronic Cat 2 H411	Is There a Maximum Exposure Limit (MEL) or Occupation Exposure Limits (OEL):	Benzalkonium Chloride Long term, dermal : 5.7 mg/kg Long term, inhalation 3.96 mg/m3
Container Size:	5 L	Emergency Fire Procedures:	Water spray, dry powder, carbon dioxide
Physical Properties:	State: Liquid Colour: Pale Odour: No data	Typical Duration of Use:	1 – 2 hours
Product Use: Typical Method of Use:	Hard surface biocide Apply to dry surfaces only. For normal infestations, dilute 1 part of the product with 4 parts of water. Then apply 1 litre of diluted product per 3 to		

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	7 sq/metres of surface.		
Storage:	Store in a well-ventilated place. Protect from freezing. Storage temperature: >10 °C	Dilution Ratio:	1:4 for normal infestations 1:9 for light infestations
Spillage/Accidental Release:	Collect spillage. Take up liquid spill into the absorbent material.	Additional information:	The surfactant contained in this mixture complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

## STEP 4 – TOXICOLOGICAL INFORMATION

EYES:	Causes serious eye damage	INGESTION:	The product is not expected to meet the criteria for classification by the oral, dermal or inhalation routes.
SKIN:	Causes skin irritation	INHALATION:	The product is not expected to meet the criteria for classification by the oral, dermal or inhalation routes.t

## STEP 5 – PERSONAL PROTECTIVE EQUIPMENT (PPE) to be used

Personal Protective Equipment to be used											
											
Apron	Face Visor	Goggles	Safety Glasses	Ear Defenders	Safety Wellingtons	Safety Boots	Overall	Fume/Vapour Mask	Dust Mask	Rubber Gloves	Protective Gloves
		✓					✓			✓	

## STEP 6 – EMERGENCY, FIRST AID & DISPOSAL MEASURES

EYES:	Rinse cautiously with water for several minutes. If contact lenses are present and easy to remove, continue rinsing. Call a physician immediately.	INGESTION:	Call a poison centre or a doctor if you feel unwell.
SKIN:	Wash with plenty of water. Remove contaminated clothing. If skin irritation occurs, seek medical advice/ attention.	INHALATION:	Remove person to fresh air and keep comfortable for breathing
DISPOSAL ARRANGEMENTS:			
Dispose of material or solid residues at an authorised site.			

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## STEP 7 – RISK ASSESSMENT (Likelihood X Severity = Risk)

CATEGORY	HAZARD	POTENTIAL HARM	Likelihood	Severity	Risk Before Controls	Risk After Controls	COMMENTS
STORAGE	UNLOCKED STORES/ OPEN BOTTLES/ SPILLAGES/ ACCIDENTAL MIXING	Contact / Absorption / Inhalation/ Ingestion Operatives/ Occupiers/ Visitors	2	3	6	3	H&S induction training and awareness Lock Stores and cupboards Reporting and monitoring in place Competent Supervision Trained operatives /PPE
HANDLING / DURING USE	Direct contact with eyes	Serious eye irritation or damage	3	4	12	4	Relevant PPE available, Induction form signed, competent supervision Product Guides & Technical info available on site as wall charts (Pictograms) Toolbox talks and safety briefings to highlight awareness
HANDLING / DURING USE	Contact with skin	Exposure may result in skin irritation	3	3	9	3	Short use/ duration, reporting any abnormalities Hygiene procedures are in place No eating or drinking in force and supervised Suitable gloves should be worn to protect from chemicals Toolbox talks and safety briefings to highlight awareness H&S Site induction and refresh training in place
HANDLING / DURING USE	Spillage	Toxic to aquatic life	2	4	8	4	Short use/ duration, reporting any abnormalities Spillage procedures are in place Trained employees Use of small amounts Toolbox talks and safety briefings to highlight awareness
OVERALL RISK RATING BEFORE CONTROL: 8.75			Very Low	Low	Medium	High	COMMENTS
					✓		
OVERALL RISK RATING AFTER CONTROL: 3.5			Very Low	Low	Medium	High	
			✓				

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<p><b>LIKELIHOOD</b></p> <ol style="list-style-type: none"> <li>1. <b>IMPROBABLE</b> OCCURRENCE</li> <li>2. <b>REMOVED</b> OCCURRENCE</li> <li>3. <b>REASONABLY PROBABLE</b> OCCURRENCE</li> <li>4. <b>VERY LIKELY</b> OCCURRENCE</li> <li>5. <b>ALMOST CERTAIN</b> OCCURRENCE</li> </ol>	<p><b>SEVERITY</b></p> <ol style="list-style-type: none"> <li>1. <b>SLIGHT</b>: NO INJURY or injury requiring first aid treatment</li> <li>2. <b>MINOR</b>: INJURY requiring medical treatment with absence from 3 days to 3 weeks</li> <li>3. <b>MODERATE</b>: Injury illness resulting in temporary disability(eg. fractures) and absence over 3 weeks</li> <li>4. <b>SERIOUS</b>: Severe injury or permanent disability (eg. Loss of limb, sight) property and equipment damage</li> <li>5. <b>MAJOR</b>: Immediate danger exist, capable of causing death, loss or damage on a wide scale and serious business disruption (eg. Explosion, fire, structural damage etc. )</li> </ol>	<p><b>INTERPRETATION</b></p> <p><b>4 and below very low risk</b> = No further action, but ensure controls are maintained and review</p> <p><b>5 to 8 Low Risk</b> = Risk can be tolerated or for only short term. Plan introduction of measures with a define time period.</p> <p><b>9 to 15 Medium Risk</b> = Planned and introduce further control measures to mitigate the risk within a time scale.</p> <p><b>16 and Above</b>= Stop activity and immediate action</p>
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## STEP 8 – ADDITIONAL RISK FACTORS

New or Un-Trained Employees	Pregnant Women	Visitors/Contractors/ Members of The Public	Slip Hazards	Unsafe Handling/Storage
✓	✓	✓		✓

## STEP 9 – HEALTH SURVEILLANCE & MONITORING

<p>Arrangements for monitoring compliance (including maintenance of control measures):</p>	<ul style="list-style-type: none"> <li>• Ongoing training</li> <li>• Tool-box-talks</li> <li>• Presentations (via tablets on-site or DVD at offices)</li> <li>• Quality &amp; Health/Safety site inspections</li> <li>• Auditing process</li> <li>• Management monitoring</li> </ul>
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## STEP 10 – ASSESSMENT FOLLOW UP & REVIEW

Following this assessment:	Review of assessment:
<p>Employees/workers must have been informed of:</p> <ul style="list-style-type: none"> <li>• The names of substances they may be exposed to;</li> <li>• The risks to health created by exposure;</li> <li>• Any relevant occupational exposure standard, maximum exposure limit or similar self-imposed (in-house) work standard that applies to the substance;</li> <li>• Any information contained on any Safety Data Sheet which relates to the substance;</li> <li>• The significant findings of this assessment;</li> <li>• What precautions to take to protect themselves and others;</li> <li>• The results of any health surveillance; and</li> <li>• The results of any monitoring of exposure.</li> </ul>	<p>This assessment must be reviewed/updated :</p> <ul style="list-style-type: none"> <li>• As part of planned review</li> <li>• If alternative cleaning product/substances are used</li> <li>• If alternative methods or processes are used</li> <li>• Upon client request</li> <li>• Changes to the COSHH, and other relevant, regulations</li> <li>• After consultation with workers or other interested parties</li> <li>• After an accident, incident, near miss or dangerous occurrence</li> </ul>