

MATERIAL SAFETY DATA SHEET

Issued : Jan 2009

1. Product Name: JC021	Intended Use: Algae, Moss & Mildew Remover
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2.: Hazards Identification: Irritating to eyes and skin.
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3. Chemical Composition/Information on Ingredients:				
Hazardous Ingredient	Index No	% w/w range	WEL	Hazards
Sodium Hypochlorite	017-011-00-1	5 to 10	N/A	C, R31, 34

4. First Aid Measures:		11. Toxicological Information:	
EYES:	Rinse with clean water for at least 10 minutes. Seek medical attention if irritation persists.	EYES:	Irritation
SKIN:	Remove all contaminated clothing. Rinse affected area with plenty of water.	SKIN:	Irritation
INGESTION:	Do not induce vomiting. Give frequent drinks of water. Seek medical advice.	INGESTION:	Sore throat. Irritation. Nausea
INHALATION:	Not applicable. Occurrence unlikely or not possible.	INHALATION:	Mist or spray: Coughing, congestion of lungs

5. Fire Fighting Measures:		12. Ecological Information:	
EXTINGUISHING MEDIA:	Carbon dioxide	AQUATIC TOXICITY:	Not classified as toxic to aquatic organisms
SPECIAL EXPOSURE HAZARDS:	In combustion evolves toxic fumes	BIODEGRADABILITY:	Biodegradable
SPECIAL INSTRUCTIONS:	Wear breathing apparatus	MOBILITY:	Not expected to be persistent in the environment

6. Accidental Release Measures:		13. Disposal Considerations:	
Refer to section 8		Use only licensed waste disposal companies	
Do not discharge into drains or rivers. Contain or absorb spillage.		Rinse empty containers with water	
		Damage empty containers if disposed of via local waste	

7. Handling and Storage:		14. Transport Information:					
Store in a dry secure area away from acids. Do not allow to mix with other chemicals.		UN	N/A	CLASS	N/A	PGp	N/A

8. Personal Protection:				SHIPPING NAME:		N/A	
GOGGLES	Recommended	APRONS	Not mandatory	15: Regulatory Information:			
GLOVES	Rubber gloves	RESPIRATORS	N/A	SYMBOL:	Xi, Irritant		
OVERALLS	Not mandatory	BARRIER CREAM	Recommended	RISK PHRASES:	R31, contact with acids liberates toxic gas. R36/38, Irritating to eyes and skin		

9. Physical and Chemical Properties:					
APPEARANCE	Pale yellow/straw liquid			SAFETY PHRASES:	
ODOUR	Slight chlorine (bleach type) odour			"Warning! Do not use together with other products. May release dangerous gases (chlorine)"	
pH	7 to 8			S02, Keep out of reach of children.	
SG	1.10 typical			S26, In case of contact with eyes rinse immediately with plenty of water and seek medical advice.	
FLASH POINT	Not applicable			S37 Wear suitable gloves.	
SOLUBILITY	Soluble in all proportions				

10. Stability and Reactivity:		16. Other Information:	
Stable under normal conditions of use. Contact with acids liberates toxic chlorine gas. Toxic combustion gases if involved in fire.		Refer to section 1. No other usage is recommended unless advised in writing by Jetchem Systems Limited	