

MATERIAL SAFETY DATA SHEET

Issued : Jan 2009

1. Product Name: JC027

Intended Use: Mould, Moss, Fungi & Algae Cleaner

2. Hazard Identification: Corrosive, Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. Chemical Composition/Information on Ingredients:

Hazardous Ingredient	Index No	% w/w range	WEL	Hazard
Quaternary Biocide	68424-85-1	<5	Not listed	C, R22, 34, 50

4. First Aid Measures:

EYES:	Rinse with clean water for 15 minutes. Obtain prompt medical attention
SKIN:	Rinse with water. Remove any contaminated clothing and launder before re-use
INGESTION:	Wash out mouth with water and give water to drink. Obtain medical attention
INHALATION:	Not applicable. Likely occurrence unlikely or not possible

11. Toxicological Information:

EYES:	Corrosive causes burns
SKIN:	Corrosive causes burns
INGESTION:	Corrosive causes burns
INHALATION:	Corrosive causes burns

5. Fire Fighting Measures:

EXTINGUISHING MEDIA:	No special requirements
SPECIAL EXPOSURE HAZARDS:	Toxic fumes (oxides of nitrogen)
SPECIAL INSTRUCTIONS:	Wear breathing apparatus

12. Ecological Information:

AQUATIC TOXICITY	Toxic in high concentrations
BIODEGRADABILITY	Complies with EC 648/2004
MOBILITY	Not persistent in the environment

6. Accidental Release Measures:

Wash to foul drain with water or contain for disposal
Do not allow to enter storm drains or watercourses

13. Disposal Considerations:

Use only licensed waste disposal companies.
Rinse empty containers with water.
Damage empty containers if disposed of via local waste.

7. Handling and Storage:

Avoid contact with eyes and skin. Avoid breathing mist or spray

14. Transport Information:

UN	1760	CLASS	8 (C9)	Packing Group	III
UN Description:				Corrosive liquid N.O.S. (contains Quaternary ammonium biocide)	

8. Personal Protection:

GOGGLES	Eye/face	APRONS	Not required
GLOVES	Rubber gloves	RESPIRATORS	Not required
OVERALLS	Yes if danger of splashing.	BARRIER CREAM	Recommended

15: Regulatory Information:

SYMBOL	C, N
R&S PHRASES:	R34, 50-53 S26, 36/37/39, 57

9. Physical and Chemical Properties:

APPEARANCE	Blue mobile liquid
ODOUR	Bland
pH	7 to 9
SG	1.00 typical
FLASH POINT	N/A
SOLUBILITY	Soluble

Labelling:	
R34, Corrosive. R50-53, Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment	
S26, In case of contact with eyes rinse immediately with plenty of water and seek medical advice.	
S36/37/39, Wear suitable protective clothing, gloves and eye/face protection	
S57, Use appropriate containment to avoid environmental contamination	

10. Stability and Reactivity:

Stable under normal conditions. Thermal decomposition will generate toxic fumes

16. Other Information:

Refer to section 1. No other usage is recommended unless advised in writing by Jetchem Systems Limited
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