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**MATERIAL SAFETY DATA SHEET**

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<b>1. Product Name:</b> JC007		<b>Intended Use:</b> White Salts and Lime Scale Remover						
<b>2. Chemical Composition/Information on Ingredients:</b>								
Hazardous Ingredient		Index No	% w/w range	WEL	Hazard			
Hydrochloric acid		017-002-01-X	< 10	STEL 7.6 mg/cu.m	None			
Acetic acid		607-002-00-6	< 10	STEL 15 ppm	None			
<b>3. Hazard Identification:</b>								
Irritating to eyes and skin								
<b>4. First Aid Measures:</b>			<b>11. Toxicological Information:</b>					
EYES:	Immediately rinse with clean water for 15 minutes. Obtain immediate medical attention.		EYES:	Irritation resulting in possible damage if first aid is not prompt				
SKIN:	Drench immediately with plenty of water. Remove any contaminated clothing and launder before re-use. Repeatedly apply calcium gluconate gel, Seek urgent medical attention.		SKIN:	Irritation				
INGESTION:	Do not induce vomiting. Wash out mouth with water and give water to drink. Obtain urgent medical attention.		INGESTION:	Irritation and possible damage to gastro intestinal tract				
INHALATION:	Remove to fresh air. And seek urgent medical attention if symptoms persist.		INHALATION:	Mist or Spray: Irritation. Effects may vary with concentration				
<b>5. Fire Fighting Measures:</b>			<b>12. Ecological Information:</b>					
EXTINGUISHING MEDIA:	Foam, carbon dioxide or dry powder.		AQUATIC TOXICITY	Harmful due to pH effects				
SPECIAL EXPOSURE HAZARDS:	Irritating fumes		BIODEGRADABILITY	Readily biodegradable				
SPECIAL INSTRUCTIONS:	Wear breathing apparatus.		MOBILITY	Not persistent in the environment				
<b>6. Accidental Release Measures:</b>			<b>13. Disposal Considerations:</b>					
For large spillage evacuate personnel. Wear personal protection (see sect. 8)			Use only licensed waste disposal companies.					
Do not allow to enter storm drains or water courses. If this occurs inform authorities.			Rinse empty containers with water.					
Contain spillages. Neutralise with alkali and flush to fowl drain with water			Damage empty containers if disposed of via local waste.					
<b>7. Handling and Storage:</b>			<b>14. Transport Information:</b>					
Avoid contact with eyes and skin. Avoid breathing mist or spray. Keep away from aluminium and other light alloys.			UN	None	CLASS	None	TRANS CAT	None
<b>8. Personal Protection:</b>			UN Description:					
GOGGLES	Safety glasses, goggles or full-face visor.	APRONS	Yes if danger of splashing.		<b>15: Regulatory Information:</b>			
GLOVES	Impervious (Neoprene) gloves	RESPIRATORS	Yes if STEL or OEL is exceeded.		SYMBOL:	IRRITANT		
OVERALLS	Yes if danger of splashing.	BARRIER CREAM	Recommended		RISK PHRASES:	R36/38 Irritating to eyes and skin		
<b>9. Physical and Chemical Properties:</b>								
APPEARANCE	Pale yellow liquid.		SAFETY PHRASES:					
ODOUR	Mild acidic		S26, in case of contact with eyes rinse immediately with plenty of water and seek medical advice.					
pH	< 2		S37. Wear suitable gloves					
SG	1.03 (typical).		Contains acetic acid (< 5%) and hydrochloric acid (< 10%)					
FLASH POINT	Not applicable.							
SOLUBILITY	Soluble.							
<b>10. Stability and Reactivity:</b>			<b>16. Other Information:</b>					
Stable under normal conditions. Avoid contact with alkalis, aluminium and other light alloys. Reaction with strong alkalis generates heat. Will react with aluminium and other light alloys to produce flammable hydrogen gas.			Refer to section 1. No other usage is recommended unless advised in writing by <b>Jetchem Systems Limited</b>					