



# Material Safety Data Sheet

Issue Date: 27 April 2006

PRODUCT NAME: QUICKLEEN R

Classified as hazardous according to criteria of NOHSC

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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

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**Information on Composition** Product based on silicates and cleaning additives.

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	Corrosion inhibitors	N/A	1-5%
	Surfactant blend	(Proprietary)	0-5%
	Sodium Metasilicate	N/A	>60%

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## 3. HAZARDS IDENTIFICATION

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Classified as hazardous according to the criteria of NOHSC and as a dangerous good according to the ADG code.

Risk phrases:  
R36/38 Irritating to eyes and skin.

Safety phrases:  
S2 Keep out of reach of children.  
S25 Avoid contact with eyes.

**Hazard Category** Corrosive  
**Symptoms & Effects** **Will damage skin on contact.**  
Other Hazard Information: Corrosive to skin and eyes

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## 4. FIRST AID MEASURES

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<b>Inhalation</b>	Remove victim to fresh air. Give oxygen if breathing is laboured or patient blue, and seek urgent medical attention.
<b>Ingestion</b>	DO NOT induce Vomiting. Give milk, water: give demulcents Seek medical attention.
<b>Eye</b>	Remove contact lenses. Immediately irrigate with copious amounts of water for at least 15 minutes lifting upper and lower eyelids occasionally. If irritation persists, seek medical assistance.
<b>Skin</b>	Wash affected areas with copious quantities of water or dilute vinegar. Remove and launder contaminated clothing. If irritation occurs, seek medical advice.
<b>First Aid Facilities</b>	Normal washroom facilities.
<b>Advice to Doctor</b>	Treat symptomatically for mild corrosive alkaline.

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## 5. FIRE FIGHTING MEASURES

<b>Extinguishing Media</b>	Use extinguishing media suitable for surrounding fire situation.
<b>Specific Hazards</b>	Nil.
<b>Precautions in connection with Fire</b>	Firefighters should wear Self-Contained Breathing Apparatus and full protective clothing to minimise exposure. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. If safe to do so, remove undamaged containers from fire area.

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## 6. ACCIDENTAL RELEASE MEASURES

<b>Spills &amp; Disposal</b>	Shovel up excess and rinse residues with water. Consult local authorities regarding disposal.
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## 7. HANDLING AND STORAGE

<b>Handling</b>	Repeated or prolonged exposure without personal protection should be avoided in order to lessen the possibility of disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking or going to the toilet. Use only in a well ventilated area. Keep container closed and bung in place.
<b>Storage</b>	This product should be stored in a cool, dry, well ventilated area and out of the reach of children. Keep containers closed when not in use and securely sealed and protected against physical damage.

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## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

<b>Exposure Limits</b>	No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC). However as with all chemicals, exposure should be kept to the least possible levels.
<b>Respiratory Protection</b>	Avoid breathing of dust. Where ventilation is inadequate and dust is generated the use of an approved respirator with dust filter or a supplied air respirator complying with AS/NZS 1715 and AS/NZS 1716 is recommended, depending on surrounding work conditions. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715 – Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716 – Respiratory Protective Devices.
<b>Protective Equipment</b>	Avoid contact with skin and eyes. Protective gloves are recommended at all times when handling product and solutions.
<b>Eng. Controls</b>	Ventilation: No special requirements when used in accordance with label directions. Do not inhale dust.
<b>Other information</b>	No Biological Limit Value allocated.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Fine white powder.
<b>Odour</b>	None
<b>Boiling Point</b>	N/A
<b>Solubility in Water</b>	Infinitely soluble at less than 10% solutions.
<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	Not applicable
<b>pH</b>	12.0 – 12.5 (1% solution)
<b>Physical State</b>	Powder
<b>Corrosiveness</b>	Non corrosive to Aluminium. Corrosive to skin

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## 9. PHYSICAL AND CHEMICAL PROPERTIES Cont....

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<b>Flash Point</b>	Non flammable
<b>Flammability</b>	Non flammable
<b>Flammable Limits LEL</b>	Non flammable
<b>Flammable Limits UEL</b>	Non flammable

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## 10. STABILITY AND REACTIVITY

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<b>Stability</b>	Stable under normal conditions of storage and handling.
<b>Hazardous</b>	Will not occur.
<b>Polymerization</b>	
<b>Materials to Avoid</b>	None known.
<b>Hazardous</b>	None known.
<b>Decomposition</b>	
<b>Products</b>	
<b>Hazardous Reaction</b>	Not a fire hazard.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Toxicology Information</b>	Not available
<b>Inhalation</b>	Will cause irritation to the mouth, nose and throat. Inhalation of dust Will result in respiratory irritation and possible harmful effects.
<b>Ingestion</b>	Corrosive to mouth and digestive tract.
<b>Skin</b>	Contact with moist skin may result in irritation.
<b>Eye</b>	A severe eye irritant and abrasive.
<b>Chronic Effects</b>	Prolonged and repeated exposure through skin contact, inhalation or swallowing of this material with no personal protection may result in serious toxic effects.

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## 12. ECOLOGICAL INFORMATION

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<b>Environ. Protection</b>	Prevent this material from entering the environment.
<b>Mobility</b>	No data is available for this product.
<b>Persistence / Degradability</b>	No data is available for this product.
<b>Bioaccumulation</b>	No data is available for this product.
<b>Ecotoxicity</b>	No data is available for this product.

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## 13. DISPOSAL CONSIDERATIONS

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Dispose of waste according to federal, E.P.A., state and local regulations.  
Assure conformity with all applicable regulations.

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## 14. TRANSPORT INFORMATION

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<b>U.N. Number</b>	3253
<b>Proper Shipping Name</b>	None allocated
<b>DG Class</b>	8
<b>Hazchem Code</b>	2X
<b>Packing Group</b>	III
<b>EPG Number</b>	None allocated
<b>IERG Number</b>	None allocated

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## 15. REGULATORY INFORMATION

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<b>Safety Phrase</b>	S22/51 Do not breathe dust. Use only in well ventilated areas. S24/25 Avoid contact with skin and eyes. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
<b>Poisons Schedule</b>	Schedule 5

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## **15. REGULATORY INFORMATION Cont....**

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**AICS (Australia)** All ingredients are listed in the Australian Inventory of Chemical Substances (AICS).

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## **16. OTHER INFORMATION**

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*This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this MSDS in the context of how the product will be handled in the workplace and in conjunction with other materials. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.*