



Material Safety Data Sheet

Issue Date: 27 April 2006

PRODUCT NAME: QUICKLEEN R

Classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

2. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition Product based on silicates and cleaning additives.

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

3. HAZARDS IDENTIFICATION

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

4. FIRST AID MEASURES

Inhalation	Remove victim to fresh air. Give oxygen if breathing is laboured or patient blue, and seek urgent medical attention.
Ingestion	DO NOT induce Vomiting. Give milk, water: give demulcents Seek medical attention.
Eye	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.
Skin	Wash affected areas with copious quantities of water or dilute vinegar. Remove and launder contaminated clothing. If irritation occurs, seek medical advice.
First Aid Facilities	Normal washroom facilities.
Advice to Doctor	Treat symptomatically for mild corrosive alkaline.

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5. FIRE FIGHTING MEASURES

Extinguishing Media	Use extinguishing media suitable for surrounding fire situation.
Specific Hazards	Nil.
Precautions in connection with Fire	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.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal	Shovel up excess and rinse residues with water. Consult local authorities regarding disposal.
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7. HANDLING AND STORAGE

Handling	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.
Storage	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.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits	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.
Respiratory Protection	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.
Protective Equipment	Avoid contact with skin and eyes. Protective gloves are recommended at all times when handling product and solutions.
Eng. Controls	Ventilation: No special requirements when used in accordance with label directions. Do not inhale dust.
Other information	No Biological Limit Value allocated.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Fine white powder.
Odour	None
Boiling Point	N/A
Solubility in Water	Infinitely soluble at less than 10% solutions.
Specific Gravity (H₂O = 1)	Not applicable
pH	12.0 – 12.5 (1% solution)
Physical State	Powder
Corrosiveness	Non corrosive to Aluminium, Corrosive to skin

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9. PHYSICAL AND CHEMICAL PROPERTIES Cont....

Flash Point	Non flammable
Flammability	Non flammable
Flammable Limits LEL	Non flammable
Flammable Limits UEL	Non flammable

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

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

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

Safety Phrase	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.
Poisons Schedule	Schedule 5

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15. REGULATORY INFORMATION Cont....

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

16. OTHER INFORMATION

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.