

Product Name: ReKRETE™ Waterless Concrete Cleaner
Classified as hazardous according to the NOHSC criteria

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: ReKRETE™ Waterless Concrete Cleaner
 Recommended use: Concrete Cleaner.
 Company Name: W.C.Company/ReKRETE, Australian Distributor: Xypex Australia
 Address: 9953 Sawleaf Court, P.O.Box 255,
 Colorado Springs, LAVINGTON
 Colorado 80920 NSW 2641
 Tel. (719) 599-8400 02 6040 2444
 Fax (719) 593-7429 02 6040 2411
 Emergency Ph. 1-800-255-3924 0419 202 995

2. HAZARD IDENTIFICATION

Classified as hazardous according to the NOHSC criteria

Risk Phrases:

- R/36,37,38 Irritating to eyes, respiratory system and skin.
- R/41 Risk of serious damage to eyes.
- R/43 May cause sensitisation by skin contact.

Safety Phrases:

- S/22 Do not breathe dust.
- S/24/25 Avoid contact with the skin and eyes.
- S/26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S37/S39 Wear suitable gloves and eye / face protection.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:	Name	CAS NUMBER
	Sodium Carbonate	497-19-8
	Sodium Bicarbonate	144-55-8
	Calcium Carbonate	9014-01-1
	Enzyme Preparation	

4. FIRST AID MEASURES**Eye contact:**

- Avoid contact with the eyes. Quickly and gently blot or brush away any dry powder
- Irrigate with large amounts of water for at least 15-20 minutes.
- Seek immediate medical attention.

Skin Contact:

- Continuously flush contaminated area with lukewarm, gently flowing water for at least 15-20 minutes.
- Remove contaminated clothing and wash before reuse or discard.
- If symptoms develop seek immediate medical attention.

Inhalation:

- Remove person to fresh air and seek immediate medical attention.

Oral ingestion:

- Wash out mouth with water and drink 1-2 glasses (240-300ml) of water.
- Do not induce vomiting.
- If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration.
- Never give anything by mouth if victim is rapidly losing consciousness, unconscious or convulsing.
- Seek immediate medical attention.

5. FIRE FIGHTING MEASURES**Extinguishing Media:**

- Not applicable - Product is non-combustible.

Specific Hazards:

- In contact with extinguishing water, an alkaline solution is produced which can cause irritation.

Precautions for Fire Fighters:

- Fire fighters should wear full protective clothing and self-contained breathing apparatus.

Hazchem Code:

- Not applicable.

6. ACCIDENTAL RELEASE MEASURES**Emergency Procedures:**

- Prevent spillage from entering storm water and sewer drains.

Methods and materials for containment and clean up:

- Use dry clean up procedures and avoid generating dust.
- Increase ventilation and wear full protective clothing and sufficient respiratory protection.
- Vacuum device or shovel suitable for clean up.
- Place waste material in plastic or metal drums with tightly sealed lids for disposal.

7. HANDLING AND STORAGE**Handling:**

- Limit all unnecessary personal contact.
- Wear protective clothing when risk of exposure occurs.
- Use in well-ventilated area and avoid contact with incompatible materials.

Storage:

- Product should be stored in dry, moderate environment, and protected from water or cold damage.
- Store away from foodstuff containers.
- Keep in sealed containers until product is required.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure standards: 10 mg/m³ inh.(ACGIH-PNOC) Sodium Carbonate
 3 mg/m³ resp.
 10 mg/m³ inh. (ACGIH) Sodium Bicarbonate
 5 mg/m³ resp.
 0.00395 mg/m³ (calculated) Calcium Carbonate
 0.000006 mg/m³ (ACGIH) Enzyme Preparation
 Recommendation: Keep exposure to dust as low as practicable.

Other information:

- Repeated exposure to aerosol dusts may lead to silicosis, a serious lung disease.
- The onset of silicosis is usually slow and lung damage may occur even when no symptoms or signs of ill health have occurred.
- Exposure to respirable aerosol dusts contained in the product must be prevented to avoid the risk of lung disease.

Eng. Controls:

- Use in well ventilated areas.
- Maintain air concentrations below exposure standards.

Personal Protective

- It is recommended that, when not in well ventilated areas, the user wear rubber gloves, a class P1 or P2 particulate respirator or equivalent dust mask, fitted correctly, tight fitting safety goggles, and impervious full length clothing that protects the skin from contact.
- Additional safety precautions may include; eyewash station, shower facility, and ventilation sufficient in volume and distribution to maintain dust exposure below recommended levels.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid
Odour and appearance:	Odourless grey colour
PH Value:	10 (if mixed with water)
Specific Gravity:	3.5
Boiling/melting point:	>900° F
Vapour pressure:	Not applicable
Vapour density:	Not applicable
Solubility:	in water
VOC Content:	None
Flash Point:	Not applicable
Flammability:	Not applicable
Other properties:	Non explosive

10. STABILITY AND REACTIVITY**Chemical Stability:**

- Products are chemically stable.

Conditions to avoid:

- Protect from water and cold damage.

Incompatible materials:

- Products are incompatible with strong acids.

Hazardous decomposition:

- Products will not decompose into hazardous by-products and it will not polymerise.

Hazardous reactions:

- Contact with water should be avoided.
- Wet Product is alkaline.

11. TOXICOLOGICAL INFORMATION**Toxicology Information:**

- No toxicity data is available for these specific products

Effects of Acute (short term) exposure to products:

- Not a primary skin irritant, various severities of irritations are possible on prolonged, repeated or occluded contact.
- Ingredients may also irritate or cause burning sensation to eyes, nose and throat and may cause abdominal discomfort.
- Eye burns can result from exposure and may cause permanent corneal damage.

Effects of Chronic (long term) exposure to products:

- Exposure to dust can cause perforation of the nasal septum.
- Prolonged exposed to ingredients in these products can cause lung and respiratory damage.
- Excess inhalation of aerosol dust may result in respiratory disease, including Silicosis, pneumoconiosis and pulmonary fibrosis.

12. ECOLOGICAL INFORMATION**Environ. Protection:**

- Not expected to create environmental hazard unless dumped in massive quantities.

Mobility: Not available**Persistence/Degradability:** Not available**Ecotoxicity:** Not available**13. DISPOSAL CONSIDERATIONS****Disposal Procedures:**

- Can be disposed of as common waste.
- Disposal should be in accordance with local, state and federal regulations.

Special precautions for landfill and incineration:

- Non required

14. TRANSPORT INFORMATION

Not classified as Dangerous Goods for transport by Road and Rail.

UN Number: Non allocated**UN Proper shipping name:** Non allocated**Class and subsidiary risk:** Not applicable**Packing Group:** Not applicable**Special precautions for user:** No restrictions known for transport procedures.**Hazchem Code:** None allocated**15. REGULATORY INFORMATION****Poisons schedule:** None allocated**Hazard Category:** Irritant**16. OTHER INFORMATION**

MSDS prepared by the Technical Services Department: January 2005.

The information in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. The information given is based on technical data that we believe to be reliable at the time of issuing the MSDS. Because conditions of use are outside our control, it is the responsibility of the user to verify safety data for combinations with other materials, or for the use in specific processes, and to verify waste disposal requirements.