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

PRODUCT NAME: **OASIS**  
 MANUFACTURER: OrCal Inc  
 SUPPLIER NAME: Lonza NZ Ltd  
 SUPPLIER ADDRESS: PO Box 7142, NEW PLYMOUTH, New Zealand  
 SUPPLIER PHONE: SUPPLIER FAX:  
 EMERGENCY PHONE: null INTERNATIONAL EMERGENCY PHONE: +64 4 917 9888  
 CHEMICAL FAMILY: Inorganic USE: Plant Sunscreen

## 2. HAZARDS IDENTIFICATION:

6.4A; Harmful - may cause eye irritation. Avoid contact with eyes.  
 Refer to Section 15 for NZ EPA Requirements.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS:

| COMMON NAME:      | CAS NUMBER: | CONCENTRATION %: | HAZARD CLASSIFICATIONS: |
|-------------------|-------------|------------------|-------------------------|
| Calcium Carbonate | 471-34-1    | 60 %             |                         |
| Inerts            |             | Balance          |                         |

## 4. FIRST - AID MEASURES:

EYE CONTACT: Immediately flush with flowing water for at least 15 minutes. Warm water is preferable. Seek medical attention if irritation persists.

SKIN CONTACT: Wash with plenty of soap and flowing water for at least 15 minutes while removing contaminated clothing. DO NOT scrub skin. Wash clothing before reuse.

INHALATION: If inhaled, move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped. Use mouth to nose rather than mouth to mouth. Obtain medical attention.

INGESTION: If swallowed, rinse mouth with water immediately. Drink several glasses of water. DO NOT induce vomiting. Seek medical attention.

NOTES TO DOCTOR: Treat symptomatically.

## 5. FIRE FIGHTING MEASURES:

FLASHPOINT: Not applicable. HAZCHEM CODE: 2 [Z]  
 FLAMMABLE LIMITS: Not applicable.  
 EXTINGUISHING MEDIA: Water spray (fog), foam, carbon dioxide, or dry chemical,  
 THERMAL DECOMPOSITION PRODUCTS: None  
 SPECIAL FIRE FIGHTING METHODS  
 UNUSUAL FIRE OR EXPLOSION HAZARDS:

## 6. ACCIDENTAL RELEASE MEASURES:

Use appropriate protective equipment. Clear area of unnecessary personnel. Spills may be slippery and should be cleaned up immediately.  
 Large spill: Dike and pump as much as possible to a salvage container. Absorb the remaining liquid and any small spills with clay granules, sand or other absorbent material and sweep to a waste container. Cover the spill area with water and absorb. Minimise runoff into waterways or drains. It may be disposed of as an industrial waste in a manner acceptable to good waste management practice in a land fill and in compliance with all regulations.

## 7. HANDLING AND STORAGE:

Harmful - Keep out of reach of children.  
 Store in original container, tightly closed in a cool dry place.  
 Chemical resistant gloves and eye protection should be worn when handling this product.  
 Wear other personal protective equipment appropriate to the situation when handling product. Wash protective clothing daily after work.  
 Dust from dried product may cause eye irritation.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

EXPOSURE LIMITS: TWA: 10 mg/m<sup>3</sup> 8 hour(s). Form: inhalable dust [source EH40/2005 WELs (United Kingdom (UK), 8/2007) ].  
 No TEL, or EEL exposure limits have been specifically assigned for this product.

EYE PROTECTION: Avoid contact with eyes. Wear a face shield or full chemical workers goggles when there is a risk of a splash.

RESPIRATORY PROTECTION: Dust/mist masks are recommended when using. Especially in the case of fire or during the formation of mists, aerosols or dust.

PROTECTIVE CLOTHING: Chemical resistant gloves. Avoid skin contact.  
 If skin contact or contamination of clothing is likely, protective clothing should be worn.  
 Wash protective clothing daily after work.

VENTILATION: General (mechanical) room ventilation is considered satisfactory.

HYGIENE PRECAUTIONS: Do not eat drink or smoke while working with this product. Remove clothing that becomes soaked or contaminated and wash before reuse. Wash hands before breaks and after work. The use of a skin barrier cream is useful to give additional skin protection.

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**9. PHYSICAL AND CHEMICAL PROPERTIES:**

|  |                        |                    |               |
|--|------------------------|--------------------|---------------|
| APPEARANCE / STATE / ODOUR:            | White odourless slurry |                    |               |
| BOILING POINT:                         | Not available          | pH:                | Not available |
| DENSITY:                               | 1.627                  | SETTING POINT:     | Not available |
| DECOMPOSITION TEMP:                    | Not available          | AUTOIGNITION TEMP: | None          |
| FLASHPOINT:                            | Non-flammable          | VAPOUR DENSITY:    | Not available |
| EXPLOSION PROPERTIES:                  | None                   | VAPOUR PRESSURE:   | Not available |
| SOLUBILITY:                            | Not available          |                    |               |
| OTHER DATA:                            |                        |                    |               |
| OCTANOL / WATER PARTITION COEFFICIENT: | Not available          |                    |               |

**10. STABILITY AND REACTIVITY:**

CONDITIONS TO AVOID: None  
 MATERIALS TO AVOID: Reacts with acids, fluorine  
 HAZARDOUS DECOMPOSITION: Reaction with acids produces carbon dioxide.

**11. TOXICOLOGICAL INFORMATION:**

ACUTE ORAL:  
 ACUTE DERMAL:  
 ACUTE INHALATION:  
 OTHER TOXICITY INFORMATION:  
 May cause eye irritation. Avoid contact with eyes.  
 Dust may cause respiratory irritation. Avoid inhalation of dust or mist.

**12. ECOLOGICAL INFORMATION:**

Not likely to be toxic.

**13. DISPOSAL CONSIDERATIONS:**

Dispose of this product only by using according to the label. Triple rinse container and add rinsate to spray tank. Crush or puncture cleaned, empty containers and dispose of container at an approved landfill. Avoid contamination of any water supply or stream with this product or empty container.

**14. TRANSPORT INFORMATION:**

|                         |   |                      |
|-------------------------|---|----------------------|
| Proper Shipping Name:   | Not Classified as Dangerous Goods for Transport | (Calcium Carbonate)  |
| UN Number:              | N/A   | UN Hazard Class: N/A |
| Packing Group:          | N/A   | Hazchem Code: 2 [Z]  |
| Additional Information: |   |                      |

**15. REGULATORY INFORMATION:**

This product DOES NOT have Approved Handler, Tracking, or Record Keeping Requirements.

Approved pursuant to the HSNO Act 1996. NZ EPA Approval Code: HSR006678 See <www.epa.govt.nz> for controls.  
 Exempt from ACVM Registration.

**16. OTHER INFORMATION:**

The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.