Application in sheds

- Animal sheds and pens: use Racefines to provide a smooth surface as a base. Scatter Hydrated Lime uniformly by hand (ensure correct personal protective equipment is worn) top with shavings.
- Ensure sufficient covering is placed over the Hydrated Lime.

FAQ's:

- **What is the best way to apply Hydrated Lime?**
  Hydrated lime is highly alkaline so ensure that you follow the Health and Safety guidelines as detailed on the bag and on this brochure. When applying to calf, goat, lamb and chicken pens use 300 grams per m² either sprinkle by hand or with an applicator. See reverse for further details.

- **Where can I use Hydrated Lime?**
  Calf sheds, goat sheds, chicken pens and septic tanks. For pens, simply scatter a thin layer of hydrated lime across the shed floor, applying a generous amount of bedding to cover the hydrated lime. Always apply sufficient covering to prevent direct contact with animals.

- **How often should I apply Hydrated Lime?**
  As a guideline, Hydrated Lime works best if applied weekly. It will assist in absorbing animal urine keeping the areas dry, reduce smell and assisting to prevent bacteria growth. See reverse for detailed application rates.

- **How do I use Hydrated Lime safely?**
  Minimum personal safety equipment are eyewear, gloves, dust mask and full length clothing. Keep out of reach of children at all times and prevent direct contact with animals. Refer to the reverse of this brochure for further information.

- **Can Hydrated Lime be used as an animal feed?**
  Absolutely not! Hydrated Lime is highly alkaline (pH 12) and should be handled carefully. Ingesting this material or long term exposure is hazardous due to the chemical reaction with moisture and can result in severe burns.

- **What is the best way to store Hydrated Lime?**
  Ensure bags of Hydrated Lime are kept off the floor, stored in a dry area and covered to reduce moisture ingress.

- **How long will Hydrated Lime last in storage?**
  Hydrated Lime will store for at least six months if kept dry. After use, turnover the top of the bag to reduce moisture ingress.
HEALTHY HERDS WITH HYDRATED LIME

www.onlime.co.nz

Application Rates:

Septic Tanks
- Keep drains clean and improve septic action in the tank and eliminate foul odours. For a normal household septic tank, mix 500g of Hydrated Lime with 5L of water and flush through the kitchen sink or toilet every two to three weeks.

Calf/lambing Pens
- Hydrated Lime will provide a degree of germicidal protection against parasites and disease. Apply at a rate of 300g per m² in calf/lambing pens, ensure that stock are not in direct contact with the lime by topping with a generous amount of wood shavings or straw.

Poultry
- Hydrated Lime can provide a degree of germicidal protection against parasites and disease in poultry sheds. Apply 300g per m² in poultry and game pens. Cover with an adequate layer of bedding material.

General Farm Applications
- Provide gravel or woodchips around water troughs if wet and muddy and apply 1kg lime per m² every week.
- Apply Hydrated Lime in high traffic or congested areas to absorb waste liquids, suppress bacteria and reduce excessive pugging around water troughs.

<table>
<thead>
<tr>
<th>Application Rate GUIDELINE</th>
<th>Stock density per m²</th>
<th>Quantity (g/m²)</th>
<th>Application Frequency (# of week(s))</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calf Pens</td>
<td>1</td>
<td>300</td>
<td>1</td>
</tr>
<tr>
<td>Lamb and Goat Pens</td>
<td>2</td>
<td>300</td>
<td>1</td>
</tr>
<tr>
<td>Chicken Sheds</td>
<td>3</td>
<td>300</td>
<td>1</td>
</tr>
<tr>
<td>Septic Tanks</td>
<td>-</td>
<td>500g / 5L</td>
<td>1-3</td>
</tr>
</tbody>
</table>

Safety Data

Causes severe skin burns and eye damage. Harmful if swallowed or inhaled. May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Health Hazard Data: Hydrated lime can dry skin and cause severe caustic burns. Direct contact with eyes can cause severe iritation; exposure may result in pain, redness corneal burns and ulceration with possible permanent damage. Inhalation can irritate the upper respiratory system causing coughing. Ingestion by swallowing may result in ulceration-burns to mouth and throat.

Respiratory Protection: In dusty environments, an approved Class P1 or P2 particulate respirator is recommended.

Eye Protection: Use tight fitting goggles or protective eyewear in dusty environments.

skin Protection: Use barrier creams, impervious, abrasion and alkali resistant gloves and protective clothing to protect skin from prolonged contact with wet dust. Immediately after working, workers should shower with soap and water.

Emergency and First Aid Procedures: Pour clean water into eyes for at least 15 minutes and seek medical attention; wash exposed skin areas with soap and plenty of water. If ill effects due to inhalation, move person to fresh air. Keep warm, quiet and seek medical attention.

Hazards Identification:

Symbols: Corrosive, Ecotoxic, Respiratory
Material Safety Data Sheet available: www.onlime.co.nz
KEEP OUT OF REACH OF CHILDREN

In an emergency contact 111 or call National Poisons Information Centre 0800 POISON (0800 764 766)

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