

# Rheogel® LX Pellets

For further information, please see the relevant factsheet, or visit [palmerminerals.co.nz](http://palmerminerals.co.nz)

## Precautions



### 1. Identification of the material and supplier

**Product name:** Rheogel® LX Pellets

**Supplier:** Palmer Industrial Minerals Ltd

**Address:** 17 Bridge St, Coalgate, Canterbury 7673

**Telephone number:** 03 975 4561

**Website:** [www.palmerminerals.co.nz](http://www.palmerminerals.co.nz)

**Emergency telephone:** 0800 POISON or 0800 746766

### 2. Hazards identification

**Flammability:** Non-combustible

**Reactivity:** Non-reactive

**Personal protection:** Wear a NIOSH / MSHA approved dust mask, eye protection and skin protection

**Swallowed:** None

**Eye:** Irritation of cornea. Mildly alkaline pH 10.5 approximately

### 2. Hazards identification (cont.)

**Skin:** Repeated or prolonged exposure may dry out the skin and cause irritation, possibly leading to dermatitis

**Inhaled:** Irritation of lungs, coughing or choking may occur

This product contains a small percentage of crystalline silica. There is an established link between long term inhalation of dusts containing crystalline silica with lung disease. Adequate measures should be taken to ensure exposure is avoided

The product is essentially of low hazard as the silica levels are low as reasonably practicable and should not exceed the inhalable dust standard of 10mg/m<sup>3</sup>

### 3. First aid measures

**Swallowed:** Wash out mouth with water. Drink plenty of water

**Eye:** Rinse immediately with cool, clean running water for at least 15 minutes

**Skin:** Wash off with water (non irritant)

**Inhaled:** Remove the patient to fresh air and rest. If you feel unwell or if exposure prolonged, seek medical attention

**Toxicity data:** None recorded

For more information  
on our products,  
please get in touch:

☎ 03 975 4561

☎ 0800 303 980

✉ admin@palmerminerals.co.nz

🏠 17 Bridge St, Coalgate, Canterbury 7673

✉ Peaches Rd, Mt Somers, RD1, Ashburton 7771

🌐 www.palmerminerals.co.nz

#### 4. Handling and storage

**Storage & transportation:** Store in original bags in a dry, well ventilated environment under cover

**Spills and disposal:** Wear a dust mask & skin protection, sweep up. Rheogel® L is a natural mineral, so it can be buried safely

**Fire explosion hazard:** Non-flammable

**Other information:** pH 10.5, wear skin protection to avoid possibility of dermatitis. Very slippery when wet, avoid getting wet

#### 5. Exposure controls / personal protection

**Exposure limits (TWA):** 10mg/m<sup>3</sup> inspirable dust as bentonite (clay) dust, 0.2mg/m<sup>3</sup> respirable dust as quartz, 0.1mg/m<sup>3</sup> respirable dust as cristobalite

**Ventilation:** Dust control/extraction to meet exposure standards

**Personal protection:** Wear a NIOSH / MSHA approved dust mask, eye protection and skin protection

**Flammability:** Non flammable

#### 6. Physical and chemical properties

**UN number:** N/A

**DG class:** N/A

**Hazchem code:** N/A

**Toxic substances sch.:** N/A

**Chemical name:** Hydrated sodium calcium magnesium aluminio- silicate (Ca,Mg,Na) Al<sub>2</sub>O<sub>3</sub>SiO<sub>2</sub>.nH<sub>2</sub>O [CAS# 1302-78-9]. Contains less than 1% total crystalline silica - non-respirable & respirable [CAS# 14808-60-7], less than 0.2% cristobalite - non-respirable & respirable [CAS# 14464-46-1]

**Physical description / properties:** Light brown powder. Mixes readily with water

**Decomposition temp.:** 550°C - losing about 10% - 20% water

**Melting point:** N/A

**Specific gravity:** 2.70g/cm<sup>3</sup>

**pH (5% dispersion):** 10.5 approx.