Material Safety Data Sheet.

PRILLED FINE PARTICLE LIME

Material Safety Data sheets are provided to assist the user in compliance with the Health and Safety in Employments Act 1992 and associated regulations.
PFP Lime is a high quality finely ground limestone product manufactured at our factory in Waipukurau, Central Hawkes Bay.

SECTION 1: PRODUCT AND COMPANY INFORMATION

Product name:	PRILLED FINE PARTICLE LIME
Synonyms	
Appearance:	Light brown
Odour:	Little odour
Uses:	PH Correction, Calcium Supplement, Agriculture.
Supplier information:	Fertco 2016 Ltd 20A Jean Batten Drive, Mount Maunganui Tauranga, 3116 (0800) FERTCO (337 826)
Emergency Contact	Freephone 0800 CHEMICALL (0800 243 622)

SECTION 2: HAZARD IDENTIFICATION

Health Hazards

Use safe working practices to avoid eye – skin contact and dust generation.

Respiratory effects:	Are not anticipated with due to the immediate irritant.
Eyes:	Irritant. Direct contact with the eyes may result in pain and redness
Inhalation:	Over exposure to dust may result in mucous membrane irritation of nose and throat. Once water is added an inhalation hazard is not anticipated.
Skin Corrosive:	Prolonged skin contact may result in irritation, itching and possible rash, Dermatitis.
Ingestion Corrosive:	Ingestion may result in nausea, vomiting and abdominal pain and diarrhoea.
Flammability:	Non-flammable
Reactivity:	Will react violently with acids (eg. Sulphuric acid). Fluorine, Aluminium (hot) and Ammonium salts.
Ventilation:	Do not inhale dust.

SECTION 3: COMPOSITION INFORMATION

Ingredients:

Name	Formula	CAS Number	Proportion (typical)	NZ-WES-TWA
Calcium Carbonate	CaCO3	1317-65-3	89.5%	5mg/m² as respirable dust
Organic Binder		N/A	3.5%	

SECTION 4: FIRST AID

Eye contamination: Seek medical attention immediately. Flush gently with clean running water holding eyelids open for at least 15 minutes

Symptoms: May cause pain, redness, watering, can cause serious eye irritation.

Inhalation: If over exposure occurs, leave exposure area immediately. If anything, other than minor symptoms are displayed seek medical attention.

Symptoms: May cause respiratory irritation

Skin exposure: Wash hands and forearms after prolonged exposure to dust.

Symptoms: May cause skin irritation, or irritation

Ingestion: If poisoning occurs contact a Doctor or Poisons Information Centre on (0800) 764 766. Seek medical attention immediately.

Symptoms: Stomach ache

If medical attention is necessary, ensure that you inform them that lime is a strong Alkaline.

SECTION 5: FIRE FIGHTING

Suitable: Use any extinguisher suitable for the surrounding area.

Flash Point: Non-combustible

General Hazard: Avoid breathing dust

Fire Equipment: PFP lime poses no fire related hazard.

Combustion Products: N/A

SECTION 6: ACCIDENTIAL RELEASE

Spillage: If spilt (bulk) contact emergency services where appropriate.
Wear dust proof goggles and a class P2 particulate respirator where an inhalation risk exists, coveralls and suitable footwear.
Clear area of all unprotected personnel.
Prevent spill entering drains or waterways.
Avoid generating dust.

Environment: The aquatic toxicity of PFP Lime is due to its alkalinity
PFP Lime does not bio accumulate in the environment.

Spill Containment: Prevent material from entering sewers, drains and other confined spaces.
Sweep or vacuum up the excess material, do not create dust.

SECTION 7: HANDLING AND STORAGE

Safe handling:	Ensure you are wearing correct PPE while working with the material. Once finished handling wash hands and forearms to remove residual dust, ensure you use plenty of water and soap. Do not get in eyes or mouth. Do not ingest.
Safe storage:	Store in original container in a dry and well-ventilated area. Store away from non-compatible materials. Ensure the product remains dry and out of direct sunlight Ensure packages are adequately labelled, protected from physical damage and sealed when not in use. Store in a cool, dry, well ventilated area, removed from acids, maleic anhydride, nitroethane, nitromethane, nitropafaffin, nitropropane, phosphorus and ammonium salts. Contact manufacturer for additional information. Transport not regulated for transport purposes.

SECTION 8: EXPOSURE CONTROLS and PERSONAL PROTECTION.

Engineering Controls:	If operation causes dust, fumes or gas, use process enclosures, local exhaust fans or other appropriate engineering controls.
Individual Controls	
Hygiene:	Ensure you maintain high levels of personal hygiene when using materials. Wash hands and forearms with soap and water, remove clothes and wash as required.
Respiratory:	Use a properly fitted particulate filter. Filter selection must be based on anticipated exposure levels and sizing of materials. Wear a class 1 Particulate respirator. At high dust levels, a full-face class P3 particulate respirator is recommended.
Hands:	Once finished handling wash hands and forearms to remove residual dust.
Eye protection:	Use tight fitting goggles or protective eye wear in dusty environments.
Skin:	Wear coveralls to limit skin exposure.

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES:

Flammability:	N/A
Flash point:	N/A
Boiling point:	N/A
Melting point:	N/A
Exposure:	Std (TWA) 5mg/m^3 Calcium Carbonate
Evaporation Rate:	Non-volatile
Volatiles:	N/A
Specific Gravity:	0.9 -1.1 tonnes / cubic meter
Solubility:	Insoluble

Vapour Pressure: N/A
Upper Explosion Limit: N/A
Lower Explosion Limit: N/A
Decomposition Temp: 580°C

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Reacts violently with strong acids
Chemical Stability: Product is stable.

SECTION 11: TOXICOLOGY

Exposure: Dermal contact, eye contact, inhalation, ingestion
Acute toxicology: N/A
Irritation: N/A
Sensitisation: N/A
Health Effects
General: Causes damage to organs through prolonged repeat exposure
Inhalation: Repeat exposure can cause mucous membrane irritation, bronchitis and pneumonia
Ingestion: Repeat exposure can cause mucous membrane irritation, bronchitis and pneumonia
Skin contact: Prolonged exposure can irritate skin.
Eye Contact: Exposure can cause lens scratches, and Ph anomalies.

SECTION 12: ECOLOGY

Eco toxicity: Non eco toxic

SECTION 13: DISPOSAL

Disposal Methods: Disposal of this product should comply with the requirements of environmental protection and waste disposal legislation and any regional requirements influencing the dumping of material.

SECTION 14: TRANSPORT

	DOT CLASSIFICATION	TDG CLASSIFICATION	IMDG	IATA
UN Number	N/A	N/A	N/A	N/A
UN Proper Shipping Name				
Transport Hazard Class	Non-hazardous	Non-hazardous	Non hazardous	Non hazardous
Packaging Group				
Environmental Hazard	No	No	No	No

SECTION 15: REGULATORY INFORMATION.

NZLOC	All components are listed or exempt
HASNO Approval No.	Calcium Carbonate - 002503
HASNO Group	N/A
HASNO Class	6.4 A

SECTION 16: OTHER INFORMATION

Date of preparation: 14th February 2019.

NOTE THIS MATERIAL SAFETY DATA SHEET ATTEMPTS TO DESCRIBE AS ACCURATELY AS POSSIBLE THE POTENTIAL EXPOSURES ASSOCIATED WITH NORMAL LIME USE. HEALTH AND SAFETY PRECAUTIONS IN THE DATA SHEET MAY NOT BE ADEQUATE FOR ALL INDIVIDUALS AND / OR SITUATIONS. USERS HAVE THE RESPONIBLITY TO EVAULATE AND USE THIS PRODUCT SAFELY AND TO COMPLY WITH ALL APPLICABLE LAWS AND REGULATIONS. IF UNSURE OF ITS CURRENCY PLEASE CONTACT:

Fertco 2016 Ltd,
20A Jean Batten Drive,
Mount Maunganui, 3116.