



Safety Data Sheet

Egmont Superphosphate

1. SUBSTANCE IDENTIFICATION AND SUPPLIER

Product Name	Superphosphate
Other names	Single Superphosphate
Chemical formula	CA(H ₂ PO ₄) ₂
Recommended use	Fertiliser
Company	Egmont Commercial Ltd
Address	347 Marshs Road Halswell Christchurch
Customer Centre	03 349 5546
National Poisons Information Centre	0800 POISON (0800 764 766)
Emergency Telephone Number	0800 CHEMCALL (0800 243 622)
Transport Emergency Phone	111 – tell operator what service is needed: Fire, Ambulance, Police.

2. HAZARD IDENTIFICATION

Hazard Classifications	6.1E, 6.3B, 6.4A, 9.1D
Priority Identifiers	DANGER. KEEP OUT OF REACH OF CHILDREN
Secondary Identifiers	6.1E – May be fatal if swallowed and enters airways 6.3B – Causes mild skin irritation 6.4A – Causes serious eye irritation 9.1D – Slightly harmful to aquatic life.

3. COMPOSITION INFORMATION

INGREDIENTS	CAS No.	CONTENT
Major Components (>10%)		
Calcium Sulphate	7778-18-9	50%
Calcium Phosphate Monobasic	7758-23-8	30
Minor Components (1 – 10%)		
Water	7732-18-5	7%
Calcium Hexafluorosilicate	16925-39-6	4%
Calcium Phosphate Dibasic	7758-93-9	2%
Calcium Phosphate Tribasic	7758-87-4	2%



4. FIRST AID MEASURES

Consult the National Poisons Centre on 0800 POISON (0800 764 766) or a doctor immediately in every case of suspected poisoning.

Inhalation	Remove patient to fresh air. Seek medical assistance if effects persist.
Ingestion	Never give anything by mouth to an unconscious person. If swallowed rinse mouth. If large quantities are ingested give 1 or 2 glasses of water to dilute. Seek medical advice.
Skin	Wash affected area thoroughly with soap and water.
Eye	Flush with plenty of water for several minutes, holding eyelids open if necessary. Remove contact lenses if present and easy to do so. Seek medical advice.
Advice to Doctor	Treat symptomatically

5. FIRE FIGHTING MEASURES

Flash Point	N/A (Non-flammable)
Combustion Products	Sulphur oxides, phosphorous oxides
Extinguishing Media	Based on surrounding materials
Protective Equipment	Breathing apparatus, goggles and protective gloves.
HAZCHEM Code	None allocated

6. ACCIDENTAL RELEASE MEASURES

Spills and Disposal	Protect yourself and others from injury. Wear appropriate protective clothing. Contain spill and sweep up. Collect and place in sealable containers. Avoid generating dust. Reuse or recycle where possible.
Protective Clothing	For appropriate personal protective equipment see Section 8.
Environmental	Avoid unintended release of excessive amounts into waterways and sewers.

7. HANDLING AND STORAGE

Handling	Avoid generating dusts. Do not breathe dusts. Approved handler not required. Tracking not required.
Record Keeping	Not required
Storage	Store in a cool dry place
Other Information	Keep out of reach of children. Avoid unintended release into the environment. Wash hands thoroughly after handling.



8. EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits	Workplace Exposure Standards (WES) Particulates not otherwise classified
Protective Equipment	Overalls, safety glasses and gloves. If dust is present wear dust mask and goggles. Eye wash facilities should be available.
Engineering Controls	Handle in well-ventilated area. If dust generated use local extraction to control. Avoid inhalation of dust.
Hygiene Precautions	Remove protective clothing and wash hands and face after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Granular product, grey or brown
Odour	None
Specific Gravity	N/A
Bulk Density	1150 kg/m ³
ph	Not available
Solubility in Water	Partially soluble
Flash Point	N/A
Melting Point	N/A
Other Information	None

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions
Hazardous Polymerisation	Will not occur
Hazardous Decomposition Products	Sulphur oxides, phosphorous oxide.
Conditions to Avoid	No specific conditions
Materials to Avoid	No specific incompatibilities
Hygroscopic	No

11. TOXICOLOGICAL INFORMATION

ERMA Classifications 6.1E, 6.3B, 6.4A

Ingestion	Ingestion of large quantities may cause nausea, vomiting, thirst and headaches.
Inhalation	Irritant. Prolonged and repeated skin exposure may result in irritation, skin rash and dermatitis.



Eye	Irritant. Direct contact may result in lachrymation (tears), pain, redness and conjunctivitis.
Chronic Effects	Not anticipated.
Other Information	Low toxicity, no adverse health effects expected under normal conditions.
Toxicity Data	Not available

12. ECOLOGICAL INFORMATION

ERMA Classifications 9.1D

Ecotoxicity	Avoid unintended release into streams and waterways
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13. DISPOSAL INFORMATION

Product Disposal	Reuse or recycle where possible. If practicable apply excess fertiliser at recommended rates to appropriate land. Collection into sealable containers and dispose of in an approved land fill. Observe any local authority restrictions that may apply.
Container Disposal	Rinse containers thoroughly prior to reuse. Otherwise render unusable and dispose of as waste.

14. TRANSPORT INFORMATION

UN Number	None allocated
Proper Shipping Name	None allocated
DG Class	None allocated
Other Information	Not regulated for transport purposes.

15. REGULATORY INFORMATION

ERMA Approved pursuant to the HSNO Act 1996, Approval number HSR002571. See www.erma.govt.nz for approval controls.

16. OTHER INFORMATION

This SDS supersedes all previous versions and was reviewed to include HSNO requirements. The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material. The information is provided in good faith based on current knowledge and experience. No warranty with regard to the product properties is expressed or implied.