

TRIPLE SUPERPHOSPHATE 0-20-0-1

1: SUBSTANCE IDENTIFICATION AND SUPPLIER

Product Name: Triple Super 0-20-0-1

Other names: TSP, Calcium Triple Superphosphate

Chemical Formula: Not applicable

Recommended Use: Fertiliser

Company: Fert Wholesale Direct Ltd

Address: 205 Main Street, Mataura 9712

Contact phone no: 021 0235 6491

National Poisons Information Centre: 0800 POISON (0800 764 766)

Emergency Telephone Number: 0800 CHEMCALL (0800 243 622) (24hr) (Emergencies Only)

Transport Emergency Phone: 111 - tell operator what service is needed: Fire, Ambulance, Police

2: HAZARD IDENTIFICATION

Hazard Classifications: Not classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

Priority Identifiers: WARNING

KEEP OUT OF REACH OF CHILDREN

Secondary Identifiers: 6.1E = May be harmful if swallowed, inhaled or absorbed through the skin.

6.3B = Causes mild skin irritation.

6.4A = Eye irritant.

9.1D = Slightly harmful to aquatic life.



WARNING

3: COMPOSITION INFORMATION

INGREDIENT	CAS No.	CONTENT
Triple Super	65996-95-4	100%

4: FIRST AID MEASURES

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. Lie down and keep warm and rested. If breathing is shallow or has stopped ensure airway is clear and apply resuscitation; seek medical assistance immediately.

Ingestion: Never give anything by mouth to an unconscious person. If swallowed rinse mouth. For advice, contact the National Poisons Centre on 0800 POISON (0800 764 766). Seek medical assistance immediately.

Skin: Remove contaminated clothing then 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. Continue rinsing for at least 15 minutes. If eye irritation persists seek medical assistance.

Advice to Doctor: Treat symptomatically.

5: FIRE FIGHTING MEASURES

Flash Point: N/A (Non-flammable)

Combustion Products: During high temperature fire conditions can produce 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: Wear appropriate protective clothing. Exclude non-essential people from the area.

Contain spill and sweep up. Collect and place in suitable containers. Avoid generating dust. Reuse or recycle where possible.

Protective Clothing: For appropriate personal protective equipment see section 8.

Environmental Precaution: Avoid unintended release into waterways. If spill does enter waterways contact local authority.

7: HANDLING AND STORAGE

Handling: Keep out of reach of children. Avoid contact with skin, eyes and inhalation. Use personal protective equipment noted in section 8. Avoid generating dust. Use only outdoors or in well-ventilated areas. Do not breathe dust.

Approved Handler: Not required

Tracking: Not required

Record Keeping: Not required

Storage: Store in a cool, dry area

Other Information: Do not eat, drink or smoke while using this product. Wash hands thoroughly after handling. Avoid unintended release into the environment.

8: EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Limits: Workplace Exposure Standards (WES): Particulates not otherwise classified:

Inspirable dust 10mg.m⁻³

Respirable dust 3mg.m⁻³

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: Do not eat, drink or smoke when handling this product. Remove contaminated protective clothing and wash hands and face before meals and after work.

9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Granular product. Triple superphosphate is generally dark grey. The colour of the granules will vary with the rock type/source.

Odour: Odourless

Specific Gravity: Not Available

Bulk Density: 1150 kg/m³

pH: Not Available

Solubility in Water: Soluble

Flash Point: N/A

Melting Point: N/A

Boiling Point: N/A

Other Information: None

10: STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Hazardous Polymerisation: Will not occur.

Hazardous Decomposition Products: Phosphorous oxides may be released if exposed to high temperature fire conditions.

Conditions to Avoid: No specific conditions.

Materials to Avoid: No specific incompatibilities.

11: TOXICOLOGICAL INFORMATION

ERMA Classifications: Not classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations

Hazard Classifications: 6.1E, 6.3B, 6.4A

Ingestion: Ingestion of large quantities may lead to nausea, vomiting, thirst and headache. Inhalation: Over exposure may cause mucous membrane irritation and coughing.

Skin: 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 of use.

12: ECOLOGICAL INFORMATION

ERMA Classifications: Not classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations

Hazard Classifications: 9.1D

Ecotoxicity: Avoid washing excessive amounts into streams and waterways. Avoid unintended release into the environment.

13: DISPOSAL INFORMATION

Product Disposal: Collection into sealable containers and dispose of in an approved land fill. Reuse or recycle where possible. If practicable apply excess fertiliser at recommended rates to appropriate land. 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.

UN Packing Group: 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.epa.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.