

Safety Data Sheet

Triple Super

Revised: 11/05/2018

Section 1: SUBSTANCE IDENTIFICATION AND SUPPLIER

Product Name:	Triple Super
Other Names:	TSP, Calcium Triple Superphosphate
Chemical Formula:	Not applicable
Product Code:	7200000
Recommended Use:	Fertiliser
Company Identification:	Ravensdown Limited
Address:	292 Main South Road, Hornby, Christchurch 8042 PO Box 1049, Christchurch 8011
Customer Centre:	0800 100 123
National Poisons Information Centre:	0800 POISON (0800 764 766)
Emergency Phone Number:	0800 CHEMCALL (0800 243 622) (24hr) (Emergencies Only)
Transport Emergency Phone Number:	111 - tell operator what service is needed: Fire, Ambulance or Police

Section 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

Section 3: COMPOSITION INFORMATION

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

Section 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. Lay 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 DO NOT induce vomiting. 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. Seek medical advice if irritation persists.
Advice to Doctor:	Treat symptomatically.

Section 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.

Section 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 sealable containers. Avoid generating dust. Reuse or recycle where possible.
Protective Clothing:	For appropriate personal protective equipment see section 8.
Environmental	Prevent from entering drains, waterways or sewers. If spill does enter waterways contact local authority.

Section 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
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Storage:	Store in a cool, dry area
Other Information:	Wash hands thoroughly after use. Do not eat, drink or smoke whilst using this product. Avoid unintended release into the environment.

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Limits:	Workplace Exposure Standards (WES): Particulates not otherwise classified: <table style="margin-left: 100px;"> <tr> <td>Inspirable dust</td> <td>10mg.m⁻³</td> </tr> <tr> <td>Respirable dust</td> <td>3mg.m⁻³</td> </tr> </table>	Inspirable dust	10mg.m ⁻³	Respirable dust	3mg.m ⁻³
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.				

Section 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.
Format:	Granular
Odour:	Odourless
Specific Gravity:	Not Available
Bulk Density	1150 kg/m ³
pH:	Not Available
Solubility in Water:	Soluble
Flash Point:	Not Applicable
Melting Point:	Not Applicable
Boiling Point:	Not Applicable

Section 10: STABILITY AND REACTIVITY

Stability:	Stable under recommended storage 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

Section 11: TOXICOLOGICAL INFORMATION

Hazard Classifications:	6.1E, 6.3B, 6.4A
Health Hazard Summary:	Low toxicity. Under normal conditions of use adverse health effects are not anticipated. This product is generally considered to be of low toxicity.
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. Contact may result in irritation, lachrymation, pain, redness and conjunctivitis.
Toxicity Data:	Not given

Section 12: ECOLOGICAL INFORMATION

Hazard Classifications:	9.1D
Ecotoxicity:	Avoid washing excessive amounts into streams and waterways. Avoid unintended release into the environment.

Section 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.

Section 14: TRANSPORT INFORMATION

UN Number:	None Allocated
Proper Shipping Name:	None Allocated
DG Class:	None Allocated
Other Information:	Not regulated for transport purposes

Section 15: REGULATORY INFORMATION

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

Section 16: OTHER INFORMATION

This Safety Data Sheet was updated on the date shown and supersedes all previous versions.

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.

Checked

Hazard Classification	EPA CCID	HMM
Identifiers	EPA CCID, Labelling of Hazardous Substances	HMM
Pictogram	EPA CCID, Labelling of Hazardous Substances	HMM