



DAVID GRAY & CO PTY LIMITED

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(During Office Hours 8am to 4.30pm Monday to Friday)

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MATERIAL SAFETY DATA SHEET

IDENTIFICATION

PRODUCT NAME: David Grays Superphosphate

OTHER NAME: Super, Acid Phosphate, Single Superphosphate

MANUFACTURERS CODE: 14758 (5x3kg), 17962 (50kg)

USE: Fertiliser

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

HAZARD CLASSIFICATION (In accordance with criteria of Worksafe Australia):

Classified as not hazardous according to the criteria of NOHSC.

RISK PHRASES: None allocated

SAFETY PHRASES: None allocated

INGREDIENTS

CHEMICAL NAME	CAS.NO.	PROPORTION
Calcium sulphate	778-18-9	Of varying
Monocalcium phosphate monohydrate	10031-30-8	proportions to
Water	7732-18-5	achieve the
Dicalcium phosphate	7757-93-9	elemental analysis of
Tricalcium phosphate	7758-87-4	P - 9.1%
Impurities	N/A	S - 10.5%

FIRST AID MEASURES

GENERAL:

In every case of suspected poisoning, contact a doctor or a Poisons Information Centre immediately. (131126)

SWALLOWED:

Wash mouth out thoroughly with water and give water to drink. Seek medical assistance if large amounts ingested or symptoms persist.

NOTE: Do not give fluids if patient is unconscious or convulsing.

EYE:

Hold eyelids open and flush eyes with water for at least fifteen minutes.

If irritation persists, seek medical attention.

SKIN:

Wash off skin with water. Wash any contaminated clothing.

INHALED:

Remove victim from exposure. Seek medical attention if any symptoms develop.

FIRST AID FACILITIES:

Drinking water, eyewash

ADVICE TO DOCTOR:

Treat symptomatically.

FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: No information available

HAZARDOUS DECOMPOSITION PRODUCTS: No information available

FIRE FIGHTING PERSONAL PROTECTIVE EQUIPMENT: No information available

HAZCHEM CODE: Not applicable

ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURE: On a large scale - area should be isolated immediately. Prevent material from entering waterways. Contain spill (see below).

CONTAINMENT AND CLEAN UP: Large Scale - Contain spill and prevent water run off from entering waterways. Cover any open drains with plastic, rubber etc. (See section handling and storage for PPE requirements). Collect (shovel or sweep) material into sealable steel or plastic containers, clearly labelled. Disposal of contaminated material must be done in accordance with State and/or Local regulations.

Small spills: Sweep up and use as originally intended.

HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Store in a dry place under cover. Keep bags closed to keep moisture out. Store only in approved containers if applicable. Ensure machinery is cleaned thoroughly after use; do not leave product in equipment overnight.

STORAGE:

Store in original packaging in a cool, well ventilated dry place.

EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE STANDARDS:

No exposure standards have been allocated by Worksafe Australia.
Recommended ACGIH, TWA – 10mg/m³

BIOLOGICAL LIMIT: No information available

ENGINEERING CONTROLS:

Use only in a well ventilated area.

PERSONAL PROTECTIVE EQUIPMENT:

For maximum protection, when handling the product, we recommend the following to be worn:

- rubber gloves
- dust mask.

Remove contaminated clothing and wash thoroughly (separate from other clothing) after each days use.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Light grey-brown granular material
ODOUR:	None
pH:	Slightly acid
VAPOUR PRESSURE:	No information available
BULK DENSITY:	1.15kg/L
BOILING POINT:	Decomposes before boiling
MELTING POINT:	Not applicable
SOLUBILITY IN WATER:	partially soluble
SPECIFIC GRAVITY:	Not applicable
FLASH POINT:	Not applicable
FLAMMABILITY LIMITS:	Non-flammable
IGNITION TEMPERATURE:	Not applicable
CORROSIVENESS:	Mildly corrosive to aluminium, zinc, copper, iron and mild steel

STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable at normal storage conditions
CONDITIONS TO AVOID:	No information available
INCOMPATIBLE MATERIALS:	No information available
HAZARDOUS DECOMPOSITION PRODUCTS:	May produce toxic gases (phosphorus and sulphur oxides) or calcium oxides when heated to decomposition
HAZARDOUS REACTIONS:	No information available

TOXICOLOGICAL INFORMATION

GENERAL:

No adverse health effects are expected when the product is used in accordance with label directions.

ACUTE**SWALLOWED:**

Low degree of toxicity when ingested unless large amounts are consumed. In cases where large amounts are ingested, nausea, vomiting and diarrhoea may be experienced.

EYE:

Mild Irritant. May cause redness, stinging and watering.

SKIN:

Mild Irritant. May cause skin to dry out and cause irritation, especially if skin is abraded.

INHALED:

Mild irritant to the nose and upper respiratory tract.

CHRONIC:

Repeated or prolonged skin contact may lead to dermatitis type effects. Chronic exposure to dusts may lead to respiratory conditions.

ECOLOGICAL INFORMATION

ECOTOXICITY: No information available

PERSISTENCE AND DEGRADABILITY: No information available

MOBILITY: No information available

DISPOSAL CONSIDERATIONS

Disposal of contaminated material must be done in accordance with State and/or Local regulations.

Dispose of empty containers placing in garbage.

Do not allow product or chemical containers to contaminate drains, sewers, streams, ponds or any waterway.

TRANSPORT INFORMATION

Product is not classified as a dangerous good in accordance with the Australian Code for the Transport of Dangerous Goods by Road and Rail.

UN NUMBER:	N/A
CORRECT SHIPPING NAME:	N/A
DANGEROUS GOODS CLASS:	N/A
SUB-CLASS:	N/A
PACKAGING GROUP:	N/A
SPECIAL PRECAUTIONS FOR USER:	N/A
HAZCHEM CODE:	N/A

REGULATORY INFORMATION

No further information available.

OTHER INFORMATION

CONTACT POINT

TITLE: Technical Department

TELEPHONE NUMBER: (08) 9337 4933

AUTHORISED: **Celine Schnell**

DATE: 18 Jan. 11

NOTICE:

This Material Safety Data Sheet has been developed according to the Worksafe Australia/NOHSC Codes of Practice.

The information contained herein is given in good faith however and is considered accurate at the specified issue date. No warranty expressed or implied is made to the accuracy or completeness of the data and information contained herein.

No person, other than an authorised representative of David Gray & Company Pty Ltd, has the authority to alter this MSDS.

Contact David Gray & Co Pty Limited for further product information on (08) 9337 4933 during normal business hours, or via e-mail <mailto:general@davidgray.com.au>