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

Date of Issue: September 2014

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MATERIAL SAFETY DATA SHEET

IDENTIFICATION

PRODUCT NAME:	Magnesium Sulphate
OTHER NAME:	Magnesium Sulphate Heptahydrate, Epsom Salts, Bitter Salts.
MANUFACTURERS CODE:	13551 (12x500g)
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
Magnesium Sulphate Heptahydrate	10034-99-8	99.5%
Impurities		0.5%

FIRST AID MEASURES

GENERAL:

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

SWALLOWED:

Thoroughly rinse mouth with water. Give water to drink. Seek medical advice.

NOTE: Do not give fluids, tablets or induce vomiting if patient is unconscious or convulsing.

EYE:

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

SKIN:

Rinse off skin with water.

INHALED:

Remove victim from exposure.

FIRST AID FACILITIES:

Soap, water, eyewash

ADVICE TO DOCTOR:

Treat symptomatically.

FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:

Fire fighters should wear full protective clothing including self-contained breathing apparatus. In case of fire use water, dry powder, foam, carbon dioxide.

HAZARDOUS DECOMPOSITION PRODUCTS: Emits toxic fumes of oxides of sulphur if heated to dryness.

FIRE FIGHTING PERSONAL PROTECTIVE EQUIPMENT: Full protective clothing including self-contained breathing apparatus.

HAZCHEM CODE: None allocated

ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURE: Spill or leak area should be isolated immediately. Advise emergency services if required (FESA). Keep all unauthorised persons away from the area. Contain spill if safe to do so. (See below)

CONTAINMENT AND CLEAN UP: Contain spill by using absorbent material ie (sand, earth or attapulgite). Cover ant open drains with plastic, rubber etc. (See section handling and storage for PPE requirements). Do not allow entry into waterways. Collect (shovel or sweep) absorbent 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: If spilt indoors, once absorbed and removed, wash contaminated surface with a mild detergent solution

HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Wash hands, face and arms immediately after use and before eating, drinking, smoking or going to the toilet.

STORAGE:

Store in the original container in a cool dry place, out of direct sunlight.

EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE STANDARDS:

No exposure standards have been allocated by Worksafe Australia.

BIOLOGICAL LIMIT: No information available.

ENGINEERING CONTROLS:

Use only in a well ventilated area. Avoid generating dusts.

PERSONAL PROTECTIVE EQUIPMENT:

For maximum protection, when handling the product, preparing and using spray, we recommend the following to be worn:

- rubber gloves
- dust mask.

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

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Colourless crystals
ODOUR:	N/A
pH:	N/A
VAPOUR PRESSURE:	N/A
VAPOUR DENSITY:	N/A
BOILING POINT:	N/A
MELTING POINT:	N/A
SOLUBILITY IN WATER:	Very soluble
BULK DENSITY:	1.08kg/L
FLASH POINT:	N/A
FLAMMABILITY LIMITS:	Non-flammable
IGNITION TEMPERATURE:	N/A

STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable at normal storage conditions
CONDITIONS TO AVOID:	N/A
INCOMPATIBLE MATERIALS:	N/A
HAZARDOUS DECOMPOSITION PRODUCTS:	Emits toxic fumes of oxides of sulphur (if heated to dryness).
HAZARDOUS REACTIONS:	N/A

TOXICOLOGICAL INFORMATION

GENERAL:

No adverse health effects are expected when the product is used in accordance with label directions. Exposure by all routes is considered to be essentially non-harmful.

ACUTE**SWALLOWED:**

Ingestion may cause diarrhoea.

EYE:

May cause physical irritation.

SKIN:

Non-irritant.

INHALED:

Inhalation of dust may result in respiratory irritation.

CHRONIC:

No information is available.

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 by wrapping in paper, placing in plastic bag and putting in garbage.

Do not allow chemical containers, spray or washings 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: Magnesium Sulphate Heptahydrate
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: **Technical Manager**
DATE: 13 September 2014

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>