



GARDEN ALL-ROUNDER

MATERIAL SAFETY DATA SHEET

Section 1 – Chemical Product and Company Identification

MSDS Name: Garden All-Rounder

MSDS Date of Issue: December 2012

MSDS Revised Date: December 2012

Product Use: Granular Fertilizer suitable for general use in the home garden

Manufacturers Name: Agfert Fertilizer

Manufacturers Address: Lot 6 Hudson Rd, Balaklava SA 5461

Emergency Phone: (08) 8862 1866

Section 2 – Composition/Information on Ingredients

Monoammonium Phosphate	7722-76-1
Urea	57-13-6
Potassium Sulphate	7778-80-5
Zinc Sulphate Monohydrate	7446-19-7
Copper Sulphate Pentahydrate	7758-99-8
Manganese Sulphate Monohydrate	10034-96-5
Ferrous Sulphate Monohydrate	17375-41-6
Sodium Molybdate Di-hydrate	10102-40-6
Organic Compounds	N/A

Section 3 – Hazards Identification

NOT CLASSIFIED AS A DANGEROUS OR HAZARDOUS GOOD

Emergency Hazard Overview: Under normal circumstances this product is not considered a health hazard

Potential Health Hazards:

- Swallowed: Ingestion and swallowing in very large amounts can potentially cause diarrhoea, nausea, vomiting and cramps
- Eye: Can be slightly irritant to eyes
- Skin: Irritation to skin may occur. Frequent and or prolonged contact has the ability to cause dry skin or dermatitis. If quickly washed off no effects should occur. Gloves are recommended if skin is sensitive.
- Inhaled: Irritation to nose and throat can be caused if inhalation of product occurs

Section 4 – First Aid Measures

General Overview: If for some reason, poisoning, burning or irritation is experienced through use of this product please call The Poisons Information Centre on 13 11 26. The number can be phoned from anywhere in Australia and is available 24 hours a day. Have product MSDS will you for reference when you call.

Skin Contact: Minimal skin contact is generally not harmful. If required remove clothing that is contaminated and wash the skin area thoroughly with soap and water. Seek medical attention if swelling, redness or blistering occurs.

Eye Contact: Hold irritated eyes open and rinse them thoroughly with water for a minimum of 15 minutes. If effects persist seek medical attention

Ingestion: Drink water and milk. In cases where vomiting occurs continue to drink more water to achieve effective dilution and immediately seek medical attention.

Section 5 – Fire Fighting Measures

General Overview: Not flammable. In cases where fires involving this product when it decomposes on heating a toxic gas will be emitted. A self-contained breathing apparatus must be worn in smoke or fumes. Only use a necessary amount of water and contain run off.

Flammability: Not Flammable

Flashpoint (°C): Not Applicable

Section 6 – Accidental Release Measures

General overview: Small spillages should not generally require a special clean up procedure. However in the event of a substantial spillage water is to be used to clean the spillage area. Be careful NOT TO CONTAMINATE Streams, Rivers or Water Courses, if unable to prevent such contamination please advise the emergency services. Any spillage can be collected and reused.

Section 7 – Handling & Storage

Handling Procedures & Equipment: Read product label before use. Product should be used in a well-ventilated area so dust inhalation is avoided however at risk of dust inhalation user should wear a dust mask. Rubber / PVC gloves are recommended for sensitive skin. It is recommended that hands are thoroughly washed after use and aren't contaminated when eating. No eating, drinking or smoking should be practised in contaminated area.

Storage Requirements: Product should be stored in a cool, dry place and well segregated from herbicides, fungicides and oxidising agents. Not classified as a dangerous good. **KEEP OUT OF REACH OF CHILDREN**

Section 8 – Exposure Control / Personal Protection

Exposure Limits: Exposure limits have not been set for this product

Personal Protection Overview: When handling this product in small amounts not particular personal protection is required. In bulk handling and regular exposure conditions or in non-ventilated conditions the following equipment can be used

- Eye protection: protective glasses or goggles
- Skin Protection: gloves or gauntlets and long sleeves
- Respirator: P2 type canister

Section 9 – Physical & Chemical Properties

Physical State: Granular and Crystalline

Odour: Little Odour

Specific Gravity: No data

Vapour Pressure: No Data

Boiling Point: No Data

Melting Point: Decomposes (no data)

Flash Point: Not Applicable

Flammability Limits: Not Applicable

Solubility in Water: Soluble but forms suspension liquid

Section 10 – Stability & Reactivity

Incompatibility: No particular incompatibilities

Conditions to Avoid: Heat, Flames

Reactivity: Under normal storage conditions this product is unlikely to react / decompose

Hazardous Decompositions: Toxic & noxious fumes may be released when product is heated to decomposition

Section 11 – Toxicological Information

General Overview: Product is of low toxicity and is not considered to be a health hazard under normal circumstances. Eye contact, Prolonged and repeated skin contact or dust inhalation at high levels are the only conditions that may potentially be hazardous.

Section 12 – Ecological Information

Environment: Please avoid contamination of waterways with this product, as components can be harmful to aquatic life. The phosphorous and nitrogen component of the product has the potential to stimulate weed and algal growth in static water areas. The nitrogen can also contain or form Nitrate which contaminates surface and ground water. High Nitrate concentrations in the water can make it unsuitable for human and livestock consumption.

Degradation: Is a plant nutrient, will persist in the soil for weeks. Will dissolve with suitable amount of water

Section 13 – Transport Information

Not a classified as a dangerous good for transport by sea or air

Section 14 – Regulatory Information

Poison Schedule: This product has not been allocated a poison schedule number using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP)

Section 15 – Other Information

This MSDS accommodates to the best of our knowledge all the necessary health and safety hazard information of the product, how to safely handle the product and how to safely use the product. It is recommended each user reviews this MSDS keeping in mind their particular use for the product.