

# Safety Data Sheet



## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** **HORTICO WEED & GREEN WEED KILLER GRANULAR**

**Recommended Use:** Controls clover, flatweeds, dandelions, thistles and other broadleaf weeds in grass lawns as well as acting as a fertiliser.

**Supplier:** Hortico, a Division of DuluxGroup (Australia) Pty Ltd  
**ABN:** 67 000 049 427  
**Street Address:** 1 Gow Street,  
Padstow, NSW 2211  
Australia

**Telephone Number:** +61 2 9781 8777  
**Facsimile:** +61 2 9781 8825  
**Emergency Telephone:** **1 800 033 111 (ALL HOURS)**

## 2. HAZARDS IDENTIFICATION

Based on available information, not classified as hazardous according to criteria of Safe Work Australia; NON-HAZARDOUS SUBSTANCE.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

**Poisons Schedule:** S5 Caution.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion	Risk Phrases
Coarse sand	-	30-60%	-
Ferrous sulfate	7782-63-0	10-<30%	R22 R36
Ammonium sulfate	7783-20-2	10-<30%	-
Ingredients determined not to be hazardous	-	to 100%	-

## 4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

### Inhalation:

Remove victim from area of exposure - avoid becoming a casualty. Seek medical advice if effects persist.

### Skin Contact:

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

### Eye Contact:

If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

### Ingestion:

Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical advice.

### Medical attention and special treatment:

Treat symptomatically.

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## 5. FIRE FIGHTING MEASURES

**Hazards from combustion products:**

Non-combustible material.

**Precautions for fire fighters and special protective equipment:**

Decomposes on heating emitting toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

**Suitable Extinguishing Media:**

Not combustible, however, if material is involved in a fire use: Media applicable to surrounding fire.

## 6. ACCIDENTAL RELEASE MEASURES

**Emergency procedures:**

If contamination of sewers or waterways has occurred advise local emergency services.

**Methods and materials for containment and clean up:**

Contain - prevent run off into drains and waterways. Collect and seal in properly labelled containers.

## 7. HANDLING AND STORAGE

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

**Conditions for safe storage:**

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Keep dry. Keep containers closed when not in use - check regularly for spills.

**Precautions for safe handling:**

Keep out of reach of children. Avoid skin and eye contact and breathing in dust.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits:** No value assigned for this specific material by the National Occupational Health and Safety Commission. However, Exposure Standard(s) for constituent(s):

Iron salts, soluble (as Fe): 8hr TWA = 1 mg/m<sup>3</sup>

As published by the National Occupational Health and Safety Commission.

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

**Engineering controls:**

Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

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## Personal Protective Equipment:

Avoid contact with eyes and skin and breathing in dust. Wash hands and exposed skin thoroughly after use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Granules
<b>Colour:</b>	Cream
<b>Solubility:</b>	Partially soluble in water.
<b>Specific Gravity:</b>	Not available
<b>Relative Vapour Density (air=1):</b>	Not applicable
<b>Vapour Pressure (20 °C):</b>	Nil
<b>Flash Point (°C):</b>	Not applicable
<b>Solubility in water (g/L):</b>	Not available
<b>Melting Point/Range (°C):</b>	Not available
<b>Decomposition Point (°C):</b>	Not available

## 10. STABILITY AND REACTIVITY

<b>Chemical stability:</b>	Stable under normal conditions of use. Hygroscopic: absorbs moisture or water from surrounding air.
<b>Conditions to avoid:</b>	Avoid exposure to moisture.
<b>Incompatible materials:</b>	None known.
<b>Hazardous decomposition products:</b>	Ammonia. Oxides of sulfur.
<b>Hazardous reactions:</b>	None known.

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

<b>Ingestion:</b>	Swallowing can result in nausea, vomiting, diarrhoea, and gastrointestinal irritation. Symptoms of swallowing large amounts of soluble iron compounds may be delayed several hours and can include epigastric pain, vomiting blood and circulatory failure. (1)
<b>Eye contact:</b>	May be an eye irritant.
<b>Skin contact:</b>	Contact with skin may result in irritation.
<b>Inhalation:</b>	Breathing in dust may result in respiratory irritation.

**Long Term Effects:**  
No information available for the product.

**Toxicological Data:** No LD50 data available for the product. For the constituent IRON(II) SULFATE:

Oral LD50 (rat): 319 mg/kg (1)

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## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Avoid contaminating waterways and fishponds. Keep children, pets and poultry off treated areas.
<b>Aquatic toxicity:</b>	May be harmful to aquatic organisms.
<b>Terrestrial toxicity:</b>	Harmful to terrestrial species.

## 13. DISPOSAL CONSIDERATIONS

### **Disposal methods:**

Refer to local government authority for disposal recommendations. Empty container completely, crush and dispose of safely with domestic rubbish.

## 14. TRANSPORT INFORMATION

### **Road and Rail Transport**

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

### **Marine Transport**

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

### **Air Transport**

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

## 15. REGULATORY INFORMATION

**Classification:** Based on available information, not classified as hazardous according to criteria of Safe Work Australia; NON-HAZARDOUS SUBSTANCE.

**Poisons Schedule:** S5 Caution.

This product is registered in Australia by the Australian Pesticides & Veterinary Medicines Authority (APVMA).

## 16. OTHER INFORMATION

(1) Material Safety Data Sheet - Australia Pty Ltd; 02/ 2008.

### **Reason(s) for Issue:**

First Issue Primary SDS

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This safety data sheet has been prepared by SDS Services.

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since DuluxGroup Limited cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their DuluxGroup representative or DuluxGroup Limited at the contact details on page 1.

DuluxGroup Limited's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.