

MATERIAL SAFETY DATA SHEET

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STATEMENT OF HAZARDOUS NATURE

Not classified as hazardous.

COMPANY DETAILS

Turfgrass Specialists Ltd
38 Hannigan Dr, Mt Wellington, Auckland
Telephone No. 09 572 8001
Emergency Telephone Number: National Poisons Centre. Ph. 0800 POISON (0800 764 766)

IDENTIFICATION

Product Name	ACCUTURF Pro22
Other Names	22-1-4
Product Code	ACCUTURFPRO22
UN Number:	None allocated
Dangerous Goods Class	Not a Dangerous Good
Sub-Risk Class	Not applicable
Packaging Group	Not applicable
Hazchem Code	Not applicable
Poisons Schedule	Not scheduled as a poison
Uses	Fertiliser

Physical Description /Properties

Appearance & Odour	Granule
Melting point/softening point	°C
Boiling Point	°C
Vapour Pressure	
Flashpoint	Not flammable
Flammability Limits	
Solubility in Water	Partly soluble
pH	
Incompatibility	
Specific Gravity	
Bulk Density	
Volatile Proportion	Not volatile
Corrosiveness	Not corrosive

Ingredients

Ingredient	Chemical Name	CAS Number	Proportion % w/v
Active ingredients	Urea	57-13-6 *	*Quantities not disclosed by supplier
	Sulphur	7704-34-9 *	
	Ammonium Sulphate	7783-20-2	
	Mon-ammonium Phosphate	7783-28-0	
	Potassium Chloride	7447-40-7	
	Ferrous Sulphate	7782-63-0	
	Iron Oxide	1317-61-9	
	Polymer coating	Not Specified	

HEALTH HAZARD INFORMATION

Health Effects

Acute

Swallowed This product has low toxicity but in large amounts may cause nausea, vomiting and diarrhea.

Eye May cause eye irritation.

Skin May cause skin irritation

Inhaled This product is formulated as a granule and is unlikely to be inhaled but if granule breakdown leads to dust formation then inhalation of product in dust form may cause irritation.

Chronic

The product has low chronic toxicity. No long term effects are known.

First Aid

Swallowed Rinse mouth with water. If poisoning occurs, contact a doctor or Poison Information Centre. If large amounts are ingested induce vomiting.

Eyes Flush with water holding eyelids open. Get medical attention if irritation occurs and persists.

Skin Wash thoroughly. Get medical attention if irritation occurs and persists.

Inhaled Remove patient to fresh air. Get medical attention if irritation occurs and persists.

First Aid Facilities Eye wash, water, soap

Advice to Doctor

Not hazardous according to NOHSC criteria. Provide symptomatic and supporting care.

Medical conditions Which may be aggravated by contact Skin abrasions and sores. Inhalation of dust may aggravate asthma

PRECAUTIONS FOR USE

Exposure Standards Exposure limits for the constituents of this product are as follows:

Constituent	OSHA PEL	ACGIH TLV
Sulphur	None	None
Urea	None	None
Nuisance dust	15 mg/m ₃ (total dust) (respirable)	10 mg/m ₃

Engineering Controls Ensure ventilation is adequate and that air concentrations are controlled below quoted Exposure Standards. Avoid generating and inhaling dusts. Keep container closed when not in use.

Personal Protection

Precautionary Measures:

Eye Protection: Protective eye wear is normally not required when handling product but is suggested to avoid eye contact.

Skin Protection: Although this material does not present a significant skin concern, minimise skin contamination by following good industrial practice. Wash hands and contaminated skin thoroughly after handling. Wear gloves if in regular contact.

Respiratory Protection: Respiratory protection should not be required for normal use/handling. Avoid breathing dust. If airborne dust levels are high, a dust mask is recommended to avoid inhalation. The respirator use limitations specified by the manufacturer must be observed.

Respirators must be in compliance with AS/N1715 and AS/NZS 1716.

Flammability

The product is not flammable.

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SAFE HANDLING INFORMATION

Storage and Transport	Not classified as a Dangerous Good. Avoid container breakage. Keep away from food, feed or feedstuffs. Avoid contact with skin, eyes or clothing. Wash after handling. Keep out of reach of children.
Spills and Disposal	Sweep up spills and return to original container if product usable. If not usable dispose of at an approved waste disposal site.
Fire/Explosion Hazard	<p><u>Stability</u>: This product is stable under normal conditions.</p> <p><u>Hazardous polymerization</u>: Will not occur.</p> <p><u>Conditions to avoid</u>: None known.</p> <p><u>Hazardous decomposition products</u>: In a fire, thermal decomposition of urea and methylene urea will generate ammonia. Oxides of nitrogen, sulphur and carbon are also possible.</p> <p><u>Chemical incompatibilities</u>: None known</p> <p><u>Unusual fire, explosion and reactivity hazards</u>: Sulphur dust can form explosive mixtures with air. If product consumed in a fire, toxic sulphur dioxide will form.</p> <p><u>In case of fires</u>: Use self-contained air supply.</p> <p><u>Extinguishing media</u>: Dry chemical, water fog, foam, CO₂.</p>

OTHER INFORMATION

Environmental Protection	Keep out of lakes, streams, ponds and other waterways
Animal Toxicity Data	None available.
Bioaccumulation	Will not bioaccumulate.
Degradation	Will degrade on contact with soil.

CONTACT POINT

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