

Dry Blended Fertilizer

SAFTY DATA SHEET

PRODUCT IDENTIFICATION

Product Name:	Dry blended fertilizer	MSDS#: F001
Chemical Name:	Not applicable	Product Use: Turf Fertilizer
Manufacturer:	Alliance Agri-Turf Inc.	

REGULATORY SECTION

Canadian TDG Act Shipping Description: Not regulated under T.D.G.

INGREDIENTS

<u>Ingredients</u>	<u>CAS No.</u>	<u>LD₅₀ (mg/kg)</u>	<u>Hazard</u>
Sulphur	7704-34-9	Not available	Not listed
Urea	57-13-6	14300 oral, rat	Not listed
Uflexx	57-13-6	14300 mg/ kg	None
Ammonium Sulphate	7783-20-2	3000 mg/kg	Not listed
Monoammonium Phosphate	7722-76-1	Not available	Not listed
Potassium Sulphate	7778-80-5	6600 mg/kg	Not listed
Potassium Magnesium Sulphate	14977-37-8	Not available	Not listed
Potassium Chloride	7447-40-7	2600 oral, rat	Not listed
Calcium Carbonate	471-34-1	Not available	Not listed
Micro Essential SZ	Map 7727-76-1 Sulphur – various Zinc - various	3000 mg/kg	Not listed
Axan	6484-52-2 7778-18-9	Not available	Not Listed
Puryield	57-13-6	8471mg/kg rat	Not Listed
Pro-guard	1312-76-1 7447-40-7 7732-15-5	>5000mg/kg + 2600mg/kg oral rat	Not Listed

None of the ingredients in this product are classified as hazardous. This product does contain dust (<2% w/w) and precautions should be taken to ensure that exposure to this product is kept at levels below that established for nuisance dust: OSHA PEL 15mg/m³ respirable dust.

PHYSICAL CHARACTERISTICS

Appearance & Odour:	Multicoloured granules.
Bulk Density:	0.8 – 1.2 g/cm approx.
Solubility:	Partial. Individual ingredients vary from slightly soluble to highly soluble.
PH:	6.5 –8.5 (10% w/w)
Sensitivity to Mechanical Impact: Not expected to be sensitive to mechanical impact.	

REACTIVITY DATA

Under Normal Conditions:	Stable
Under Fire conditions:	Combustible – Sulphur
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Storage at temperatures above 100°C
Materials to Avoid:	Strong oxidizers, strong alkalides, or hypochlorites.
Hazardous Decomposition Or Combustion Products:	Thermal decomposition products are toxic and may include oxides of carbon nitrogen, sulphur and ammonia.

FIRE AND EXPLOSION DATA

Flash Point:	Not applicable.
Flammability Limits in Air (%):	Not applicable.
Fire Extinguishing Media:	Water spray (fog), foam, dry chemical, or CO ₂
Fire Fighting Procedures:	Use self-contained apparatus and protective clothing
Other Fire or Explosion Hazards:	Do not contaminate domestic or irrigation water supplies, lakes, and streams.

TOXICOLOGICAL AND HEALTH DATA

Summary of Risks:	Product may cause irritation typical of dust exposure. None of the ingredients are classified as carcinogenic, mutagenic, or are known to cause any reproductive effects IARC or OSHA.	
Effects of Acute Exposure:	Eye:	Contact can cause mild to moderate irritation.
	Inhalation:	Inhalation of dust can cause nose, throat and respiratory tract irritation.
	Ingestion:	Can cause irritation to mouth, throat and stomach.
Effects of Chronic Exposure:	None known.	
Synergistic Materials:	None known.	

FIRST AID PROCEDURES

If Inhaled:	Move to fresh air. Obtain medical attention if breathing difficulties develop.
If in Contact with the Skin:	Wash with soap and water thoroughly. If irritation develops obtain medical attention.
If in Contact with the Eyes:	Immediately flush eyes with running water for 15 minutes. Hold eyelids open during flushing. If irritation persists obtain medical attention.
If Ingested:	Give 1 to 2 glasses of water to dilute material. Do not induce vomiting. Obtain medical attention.

PREVENTIVE MEASURES

Respiratory Protection:	If ventilation is not adequate, use dust mask or approved respirator fitted with dust filter
Skin Protection:	Cotton gloves and protective clothing.
Eye Protection:	Use safety goggles when there is potential for eye contact.
Other Personal Protective Equipment:	Not required.
Handling Procedures and Equipment:	Not special requirements.
Engineering Controls:	Local exhaust ventilation recommended for dusts.
Storage Temperature (°C):	Ambient.
Storage Requirements:	Store in a closed container, in a cool, well ventilated area.
Other Precautions:	Store away from water, food, and feed. Keep out of reach of children.

ENVIRONMENTAL PROTECTION DATA

Steps to be taken in the Event of a Spill or Leak:	Stop leak and collect product for recovery or disposal. Wear personal protective equipment in accordance with recommendation of "PREVENTIVE MEASURES" section above.
Environmental Effects:	Contains plant nutrients and should not be discharged to waterways or sewers.
Deactivating Chemicals:	Not required.
Waste Disposal Methods:	Re-use as fertilizer whenever possible. Dispose of waste material at an approved landfill site in accordance with applicable local and federal regulations.

PREPARATION DATE

PREPARED BY:
Customer Service Department

PHONE NUMBER
905-857-2000

DATE
8/3/2023
Still current



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