

RIGBY TAYLOR LTD

PRODUCT SAFETY DATA SHEET: DURAGRAN FERTILISER 15-5-15

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Marketed By:

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Product Name: Mascot Duragran Fertiliser 15-5-15

Use/Description of Product: Mini Granular Fertiliser for fine turf and outfield areas

2. HAZARDS IDENTIFICATION:

Human Health Not classified as hazardous material according to EC Directive 67/548/EEC or 1999/45/EC but prolonged skin or eye contact may cause irritation. If handled in normal way unlikely to cause harmful effects.

Ingestion: Small quantities are unlikely to cause toxic effects. Large quantities may give rise to gastro-intestinal effects.

Inhalation: High concentrations of air-borne dust may cause irritation of nose and upper respiratory tract. Generally regarded as a nuisance dust with no specific Occupational Exposure Limit (OEL) Recommend a total inhalable dust standard for nuisance dust of 10mg/m³ as an 8 hour Time Weighted Average. HSE Guidance Notes EH40/2005 and HSG 173.

3. COMPOSITION/INFORMATION ON INGREDIENTS:

Contains a blend of other fertiliser ingredients none of those included are at a level classified as hazardous. These ingredients may include some of the following: Ammonium Sulphate, Single Superphosphate, Triple Superphosphate, Mono ammonium Phosphate, Potassium Chloride, Lignite, Dicyandiamide, Urea, Inert fillers such as sand, coating materials such as oil, china clay.

4. FIRST AID MEASURES :

Ingestion: Do not induce vomiting, give water or milk to drink. Seek Medical Attention

Eye Contact: Irrigate eyes with water for at least 15 minutes. Obtain Medical attention if irritation persists.

Skin Contact: Remove contaminated clothing. Wash affected area with soap and water.

Inhalation: Fine particles regarded as a nuisance dust. Remove from exposure to a well ventilated area. Keep warm and at rest. Obtain medical advice if symptoms persist.

If any symptoms persist seek medical advice immediately- The empty product package should be shown to the Doctor.

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5. FIRE FIGHTING MEASURES:

Extinguishing Media: Non-Flammable, non-combustible, In the event of a fire use suitable extinguishing media for the surrounding fire.

Exposure Hazards: May emit toxic fumes under intense heat- decomposition gases may include Ammonia and Oxides of Sulphur.

Protection of fire fighters: Wear self-contained breathing apparatus in worst cases alternatively a suitable mask. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES:

General Precautions: Prevent any spillage entering drains and watercourses. Do not smoke

Protective Equipment: Use overalls, impervious gloves, rubber boots, face shield or goggles.

Containment: Clean up any spillage promptly, place in a suitable labelled container and store in a safe place ready for disposal.

7. HANDLING & STORAGE:

Storage conditions: Store in original container in a cool, dry and well ventilated area, away from food, drink, and animal feeds. Keep container tightly closed and away from children. Do not store near heat source or strong acids/alkalis, fuel, or combustible materials. No smoking in storage areas.

Handling: Avoid contact with skin and eyes, avoid excessive dust generation. Do not eat, drink, or smoke when using. Wash thoroughly after handling the product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

UK Occupational Exposure Standard (EH40/2005): None specified for this product. Generally regarded as a nuisance dust with OEL is specified for nuisance dust – OEL (8hr TWA) 10mg/m³ Total Inhalable, 4mg/m³ (8hr) respirable.

Precautions and Engineering Measures: No specific engineering controls are necessary for this product. It is advisable to avoid dust concentrations and provide ventilation in buildings.

Protective Equipment: Wear suitable gloves when handling. If high dust content present wear suitable dust mask. Wash hands after use and observe good hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Fine grey granular material may have slight smell

Solubility: Partially soluble in cold water.

Analysis: NPK Fertiliser 15-5-15 See full analysis declaration on the original packaging.

10. STABILITY AND REACTIVITY:

Chemical Stability: Stable under normal conditions.

Conditions to avoid: Extreme Temperatures above 260°C

Materials to avoid: Strong oxidising agents and strong acids and alkalis

Hazardous Decomposition Products: In combustion may emit toxic fumes of Ammonia and oxides of sulphur.

PRODUCT SAFETY DATA SHEET: DURAGRAN FERTILISER 15-5-15

11. TOXICOLOGICAL INFORMATION:

Toxicity Data: Toxicity of the Product will depend on Composition

Ammonium Sulphate: LD50 (oral, rat) >2000 mg/kg

Potassium Chloride LD 50 (oral rat) >2000 mg/kg

Monoammonium phosphate LD50 (oral rat) >2000mg/kg

Urea LD50 (oral rat) >2000mg/kg

Dicyandiamide LD50 (oral rat) >10000mg/kg

Skin Irritancy: Prolonged contact may cause irritancy in sensitive subjects.

Eye Irritancy: Can cause irritation to eye due to granular nature of product.

Respiratory Irritancy: Non-Irritant but avoid breathing large amounts of dust

Skin Sensitisation: Non-Sensitiser

Chronic Effects: None known

12. ECOLOGICAL INFORMATION:

Mobility: Fertiliser components are partially soluble in water. Keep away from watercourses. Report any accidental contamination of water courses to the authorities.

Persistence and degradability: Moderately biodegradable.

Bioaccumulative potential: Potential for bioaccumulation is low based on component properties.

Ecotoxicity: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS:

Disposal should be carried out in accordance with local, state and national legislation. Do not contaminate ponds, waterways or ditches with product or used container. May be disposed of using a reputable waste disposal company.

14. TRANSPORT INFORMATION

Not classified as Hazardous for Transport according to UN Orange Book and international transport codes such as ADR (road), RID (rail), IMDG (sea)

15. REGULATORY INFORMATION

MAPP number- not applicable to this product

EU Directives- 76/116/EEC (relating to Fertilisers)

According to EC Directive 67/548/EEC or 1999/45/EC This product is not classified as hazardous however to avoid risk to personnel and the environment, the manufacturers instructions for use should be strictly followed.

National Regulations: The Fertiliser Regulations 1991SI No. 2197 and subsequent amendments apply. The EC Fertiliser (England and Wales) Regulations 2006, SI No. 2486

Safety Phrases:

S2 - Keep out of reach of children

S20/21 - When using do not eat, drink or smoke

S24/25 - Avoid contact with skin and eyes

S49 - Keep in original container

S62 - If swallowed, do not induce vomiting; seek medical advice immediately and show container

PRODUCT SAFETY DATA SHEET: DURAGRAN FERTILISER 15-5-15

16. OTHER INFORMATION

The data given in this Safety Data Sheet is correct to the best of our knowledge and experience at the date of this publication, however no liability is accepted for any insufficiency or omission in any case whatsoever. The information given is designed only as guidance for safe handling, use, storage, transportation, disposal and release. Since the conditions of use are beyond the company's control, it is the user to determine the conditions of safe use of this product.

Individuals handling this product should be informed under COSHH of the safe handling procedures and have access to the full safety assessment.

Rigby Taylor Ltd shall not be liable for any loss or damage resulting from handling, use or from contact with this product.

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