

RIGBY TAYLOR LTD

PRODUCT SAFETY DATA SHEET: MASCOT GUARDIAN 6-0-12

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

Marketed By:

**RIGBY TAYLOR LTD
RIGBY TAYLOR HOUSE
CROWN LANE
HORWICH
LANCS BL6 5HP
Tel: 01204 677777
Fax: 01204 677715**

Emergency tel:

+44 (0) 7989 977568 (out of office hours only)

Product Name: Mascot Guardian 6-0-12 +2% Mg+2% Fe

Use/Description of Product: Mini Granular Fertilizer for use on fine turf and amenity areas.

2. COMPOSITION/INFORMATION ON INGREDIENTS:

Contains:

	Concentration		CAS	EC No
Ferrous Sulphate	10.58%	Xn; R22	7782-63-0	-

Also 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, Potassium Chloride, Potassium Sulphate, Lignite, Urea, Inert fillers such as sand and limestone, coating materials such as oil, clay, amino acids.

3. HAZARDS IDENTIFICATION:

Main hazards: Not classified in accordance with the Chemical Hazard Information and Packaging for supply Regulations (Chip3)

4. FIRST AID MEASURES (SYMPTOMS):

Ingestion: Do not induce vomiting, rinse mouth, give water 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. Seek medical attention if irritation persists.

Inhalation: Fine particles regarded as a nuisance dust. No specific Occupational Exposure Limit (OEL). Remove from exposure to a well ventilated area.

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. Wear protective clothing to prevent contact with skin and eyes.

PRODUCT SAFETY DATA SHEET: MASCOT GUARDIAN 6-0-12

6. ACCIDENTAL RELEASE MEASURES:

General Precautions: Prevent any spillage entering drains and watercourses.

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.

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 (OES) : None specified for this product. A general OES is specified for Ferrous Sulphate. OES (8hr TWA) $1\text{mg}/\text{m}^{-3}$ and OES (STEL, 15Min) $2\text{mg}/\text{m}^{-3}$

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.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Fine grey granular material with little or no smell

Solubility: Partially soluble in cold water.

Analysis: Nitrogen 6% Potassium Oxide 12% (10.0% K_2O), Magnesium Oxide MgO 3.33%(2.0 % Mg), Ferrous Iron Fe 2%

10. STABILITY AND REACTIVITY:

Chemical Stability: Stable under normal conditions.

Conditions to avoid: Extreme Temperatures

Materials to avoid: Strong oxidising agents and strong acids

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

11. TOXICOLOGICAL INFORMATION:

Acute toxicity: $>2000\text{mg}/\text{kg}$

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

PRODUCT SAFETY DATA SHEET: MASCOT GUARDIAN 6-0-12

12. ECOLOGICAL INFORMATION:

Mobility: Fertiliser components are partially soluble in water. Keep away from watercourses

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.

14. TRANSPORT INFORMATION

Not classified as Hazardous for Transport

15. REGULATORY INFORMATION

MAPP number- not applicable to this product

In accordance with the Chemicals Hazard Information & Packaging for Supply Regulations (CHIP3). this product is not classified however, to avoid risk to personnel and the environment the manufacturers instructions for use should be strictly followed.

Risk Phrases in Section 2:

R22 - Harmful if swallowed

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 or label.

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

Date of Issue: 22nd March 2006. Issue No:1 Revision No.1 28/01/07