



1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY

Safety Data Sheet for: **MURPHY SEQUESTRENE GRANULES**

Synonyms:

Common name of active ingredient: Chelated Iron

Intended Use: For use only as a granular plant tonic

Dilution: Refer to product label - dependent upon application method and situation of use

For further information contact: Consumer Business Group, The Scotts Company (UK) Limited Salisbury House, Weyside Park, Catteshall Lane, Godalming, Surrey, GU7 1XE. Tel: 01483 410210
24hr Emergency Line Tel: 01865 407333

Date of Introduction: Approximately 1983

Date of Withdrawal:

Date of Change:

2. COMPOSITION INFORMATION ON INGREDIENTS (Directive 91/155/EC)

Spec. No: 006041

Ingredient(s)	Composition	CAS No	Symbol	R phrases
Iron chelates	(1.2% Fe in a granule)	-	-	-
Kaolin	29% w/w	1332-58-7	-	-
Paraffin Wax	1% w/w	8002-74-2	-	-

3. HAZARDS IDENTIFICATION

Classification: None **Symbol(s):** Not required

Ingestion: Will cause blackening of the motions and may produce gastro-intestinal irritation

Eye contact: Will cause mild irritation

Skin contact: Non irritant

Respiratory: No specific respiratory effect but absorption of soluble components, i.e.salts, will occur. Systemic toxicity unlikely.

Skin absorption: None

PRECAUTIONS (from the label): Wash hands after use.

4. FIRST-AID MEASURES

Ingestion: Seek medical advice if quantities exceed 50 g

Eye contact: Irrigate with plenty of clean water

Skin contact: Wash off skin with water

Inhalation: Remove from source of exposure

5. FIRE-FIGHTING MEASURES

Prevent contamination of waterways, sewers etc.

6. ACCIDENTAL RELEASE MEASURES

Spillage of Bulk Material: Wearing protective clothing detailed in section 8: Collect up spilled material into a strong and labelled container taking care not to generate dust and dispose of safely (see section 13). Wash down spill area with water, ensuring that washings do not contaminate ponds, ditches or waterways.

7. HANDLING AND STORAGE

Store in original container, tightly closed, in a safe place away from children and pets.

Shelf life: At least 2 years
Product packaging: Paper sachets – 10 g
Special precautions: None

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautions for normal use (from the label): Wash hands after use.

In case of accidental spillage or handling of bulk product: Coverall, faceshield (BS 2092 G1), nitrile gloves, rubber boots and dust respirator with a minimum protection factor of 10 which has HSE Type approval

Occupational Exposure Standard(s):	Ferrous sulphate -	As for Iron salts (as Fe) 8 hr TWA total inhalable dust 1 mg/m ³ (equivalent to 4.7 mg/m ³ ferrous sulphate) 15 min STEL 2 mg/m ³
	Kaolin	respirable dust 8 hr TWA 2 mg/m ³
	Paraffin wax	fume 8 hr TWA 2 mg/m ³ 15 min STEL 6 mgm ³

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical nature:	Hard, cylindrical pellets	Flash point:	Does not apply
Appearance / Odour:	Red/brown	Flammability:	Non flammable
Water solubility:	20% soluble	Decomposition temperature:	Not determined
Lipid solubility:	Not known	Hazardous polymerization:	Not known
Specific Gravity:	0.81-0.89 g/cc	Explosion limits:	Not known
Boiling point:	Does not apply	pH:	Not applicable
Oxidising properties:	None known	Other:	None known

10. STABILITY AND REACTIVITY

Stability (normal conditions): Stable
Conditions to avoid: None known
Incompatible with: None known
Hazardous decomposition products: None known

11. TOXICOLOGICAL INFORMATION

None available

12. ECOLOGICAL INFORMATION

None available

Precautions (from the label): None applicable

13. DISPOSAL CONSIDERATIONS:

User: Place empty container in the domestic refuse

Surplus Bulk Product / Spillage: Via local authority or authorised waste disposal contractor

14. TRANSPORT INFORMATION:

Not classified



15. REGULATORY INFORMATION:

Classification: None

Symbol(s): Not required

Current Registration Number: Not applicable

Previous Registration Number(s): Not applicable

PRECAUTIONS (from the label): Wash hands after use

16. OTHER INFORMATION

For further advice authorized persons (Doctor/Veterinary Surgeon) may contact the National Poisons Information Service Centre:

Belfast: 01232 240503
Birmingham: 0121 507 5588 or 0121 507 5589
Cardiff: 01222 709901
Dublin: 00 3531 8379964 or 00 3531 8379966
Edinburgh: 0131 5362300 or 0131 5361000
Leeds: Veterinary only: 0113 2450530
London: 0171 635 9191
Newcastle: 0191 2820300 or 0191 232 5131

Reference number: SDS No: 197

Version: 001

Date of Sheet: 31 July 1999

The appearance of a 'REVISION' stamp and / or any colour line in the left-hand side border of any of the boxes indicates a change in the information to the previous issue.

The information on this sheet is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product nor where instructions or recommendations are not followed.