



Material Safety Data Sheet

According to EC Regulation 1907/2006

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

Identification of the substance or preparation

MSDS Ref. No.: 5204.01.01
 Product name: Sportsmaster Municipal 15+5+15+Fe

Use of the Substance/Preparation

Recommended use: For use only as a horticultural turf treatment.

Company/Undertaking Identification • Scotts UK Professional, Paper Mill Lane, Bramford, Ipswich, Suffolk IP8 4BZ
 United Kingdom

Emergency telephone number: • +44 (0)208 762 8322 (24h)

Email: INFO-MSDS@Scotts.com

2. HAZARDS IDENTIFICATION

Classification

The product is non-dangerous in accordance with Directive 1999/45/EC

Most important hazards

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature of the preparation

Components	CAS-No	Weight %	EC-No.	Classification
Iron sulphate, FeSO ₄ +1H ₂ O	7720-78-7	1 - 5%	231-753-5	Xn;R22
Talc	14807-96-6	1 - 5%	NE	NE
Sulphur, S	7704-34-9	< 1%	NE	Xi;R36/37/38
Sand	14808-60-7	10 - 25%	238-878-4	NE

NE = Non-Established

For the full text of the R phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

General advice:	If you feel unwell, seek medical advice (show the label where possible).
Ingestion:	Rinse mouth. Do not induce vomiting. If symptoms persist, call a physician.
Inhalation:	Move to fresh air. If symptoms persist, call a physician.
Skin contact:	Remove and wash contaminated clothing before re-use.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids. If symptoms persist, call a physician.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Coordinate fire extinguishing measures to fire in surrounding area.

Unsuitable extinguishing media:

High volume water jet

Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases:

Thermal decomposition can lead to release of irritating gases and vapours.

Special protective equipment for firefighters:

Use personal protective equipment. In the event of fire, wear self-contained breathing apparatus.

Specific methods:

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Use personal protective equipment.

Environmental precautions:

Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

Methods for cleaning up:

Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling:**Technical measures/precautions:**

Ensure adequate ventilation. Avoid dust formation.

Safe handling advice:

Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Do not smoke.

Storage:**Technical measures/storage conditions:**

Store in original container. Keep tightly closed in a dry and cool place. Keep out of reach of children. Keep away from food, drink and animal feeding stuffs. Protect from extreme temperatures.

Incompatible products:

No information available

Specific use(s):

Fertilizer.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

Ensure adequate ventilation..

Occupational exposure controls**Personal protective equipment****Respiratory protection:**

Effective dust mask.

Hand protection:

Protective gloves. Nitrile rubber.

Eye/face protection

Safety glasses with side-shields.

Skin and body protection:

Lightweight protective clothing.

Hygiene measures

When using, do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing.

Exposure limit values*Iron sulphate, FeSO₄+1H₂O*

Belgium - 8 Hr VLE

1 mg/m³

Finland - Occupational Exposure Limits - 8 hour

1 mg/m³

Netherlands - OEL - MACs:

1 mg/m³

Norway - 8 h:

0.01 mg/m³

Portugal - TWAs

1 mg/m³ TWA

Spain - Valores Limite Ambientales - VLE

1 mg/m³ VLA-ED

UK EH40 WEL:

LTEL (8 hr TWA) 1 mg/m³

STEL (15 min) 2mg/m³

Talc

Belgium - 8 Hr VLE

2 mg/m³ TWA

Czech Republic OEL

= 10 mg/m³ TWA

= 2.0 mg/m³ TWA

Finland - Occupational Exposure Limits - 8 hour

0.5 fibers/cm³ TWA

5 mg/m³ TWA

Germany TRGS900:

2 A mg/m³

Netherlands - OEL - MACs:

0.25 mg/m³ TWA

Portugal - TWAs

2 mg/m³ TWA

Spain - Valores Limite Ambientales - VLE

2 mg/m³ VLA-ED

Sweden - OEL - 8 Hour

1 mg/m³ LLV

2 mg/m³ LLV

UK EH40 WEL:

1 mg/m³ TWA

Sulphur, S

France INRS (VME)

VME (poussières) = 10 mg/m³

Sand

Belgium - 8 Hr VLE

0.1 mg/m³ TWA

Finland - Occupational Exposure Limits - 8 hour	0.5 mg/m ³ TWA
France INRS (VME)	0.1 mg/m ³ VME
Netherlands - OEL - MACs:	0.075 mg/m ³ TWA
Norway - 8 h:	0.1 mg/m ³ TWA
	0.3 mg/m ³ TWA
Portugal - TWAs	0.025 mg/m ³ TWA
Spain - Valores Limite Ambientales - VLE	0.1 mg/m ³ VLA-ED
Sweden - OEL - 8 Hour	0.1 mg/m ³ LLV
UK EH40 WEL:	LTEL (8 Hr) 6 mg/m ³ (total inhalable dust)
	STEL (15 min) 2.4 mg/m ³ (total respirable dust)

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Appearance:	Mini granules
Color:	Light grey, And, Yellow-orange
Odor:	No information available

Important Health Safety and Environmental Information

Solubility:	Partly soluble
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Other information

Bulk density:	800-1000g/l
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10. STABILITY AND REACTIVITY

Stability:	Stable under recommended storage conditions.
Conditions to avoid:	Temperatures above 100 °C.
Materials to avoid:	None known.
Hazardous decomposition products:	Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION

Component information

Iron sulphate, FeSO₄+1H₂O

LD50/oral/rat = 1389 mg/kg

Sulphur, S

LD50/oral/rat = > 2000 mg/kg

LD50/dermal/rat = > 2000 mg/kg

LC50/inhalation/4h/rat = > 5,4 mg/l

Sand
LD50/oral/rat = N.A.

Product information**Local effects**

Skin effects: May cause skin irritation in susceptible persons
Eye effects: May cause eye irritation with susceptible persons
Inhalation: May cause sensitization by inhalation
Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

12. ECOLOGICAL INFORMATION**Product information****Component information**

Iron sulphate, FeSO₄+1H₂O

Ecotoxicity effects

EC50/48h/daphnia = >100mg/l
LC50/96h/rainbow trout = >72.5mg/l (6d)
EC50/72h/algae = 22mg/l

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with local regulations.
Contaminated packaging: Do not re-use empty containers. Dispose of as unused product.. In accordance with local and national regulations.

14. TRANSPORT INFORMATION**Product information**

Physical State: Solid

ADR/RID

UN-No: Not classified for transport

IATA

UN-No: Not classified for transport

IMO / IMDG

UN-No: Not classified for transport

15. REGULATORY INFORMATION

Indication of danger:

In accordance with the Chemicals (Hazards Information and Packaging for Supply) Regulations (CHIP 3), the product is not classified.

To avoid risks to man and the environment, comply with the instructions for use.

Registration number UK/Eire

Not applicable

16. OTHER INFORMATION

Text of R Phrases mentioned in Section 3

R11 - Highly flammable.

R22 - Harmful if swallowed.

R36/37/38 - Irritating to eyes, respiratory system and skin.

Reason for revision:

*** Indicates changes since the last revision. This version replaces all previous versions

Prepared by:

Regulatory Affairs Department.

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End of Safety Data Sheet