



Safety Data Sheet

According to EC Directive 2001/58/EC

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

Identification of the substance or preparation

MSDS Ref. No.: SCSDS424
Product name: Sportsmaster Standard Zero Phosphate
12-0-9

Use of the Substance/Preparation

Recommended use: Fertilizer

Company/Undertaking Identification
Scotts UK Professional, Paper Mill Lane, Bramford, Ipswich, Suffolk IP8 4BZ United Kingdom
Emergency telephone number: ++44 (0) 1865 407333

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical nature of the preparation

Components	CAS-No	Weight %	EC-No.	Classification
Magnesite	546-93-0	1 - 5%	208-915-9	NE
Ironsulphate, FeSO ₄ +1H ₂ O	7720-78-7	1 - 5%	231-753-5	Xn;R22

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

3. HAZARDS IDENTIFICATION

Classification

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

Most important hazards

None

4. FIRST AID MEASURES

General advice: In the case of accident or if you feel unwell, seek medical advice immediately (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:	Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. If symptoms persist, call a physician.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Carbon dioxide (CO₂), Dry powder, Water spray mist or foam.

Unsuitable extinguishing media:

High volume water jet

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

Thermal decomposition can lead to release of irritating gases and vapors

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:

Avoid dust formation. Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling:**Technical measures/precautions:**

Ensure adequate ventilation..

Safe handling advice:

Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands and exposed skin after use / handling..

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

Store in original container. Keep tightly closed in a dry and cool place. Protect from extremes of temperature.

Incompatible products:

No information available

Specific use(s):

No information available

Verband der Chemischen Industrie (VCI):
Risk classification according to VbF (Germany)

Exempt
Exempt

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. Wash hands before stopping and immediately after handling.. Remove and wash contaminated clothing before re-use.

Exposure limit values

Magnesite

UK EH40 MEL (TWA):

10 mg/m³ TWA
4 mg/m³ TWA

Ironsulphate, 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 Hr:

0.01 mg/m³

UK EH40 MEL (TWA):

LTEL (8 hr TWA) 1 mg/m³
STEL (15 min) 2mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical State:

Granules

Color:

Beige

Odor:

Slight, Metallic

Important Health Safety and Environmental Information

pH:

4-6

Flammability (solid, gas):

Non-flammable

Solubility:

Soluble in water

Other information

10. STABILITY AND REACTIVITY

Stability:	Stable at normal conditions
Conditions to avoid:	None known.
Materials to avoid:	None known.
Hazardous decomposition products:	Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION**Component information***Ironsulphate, FeSO₄+1H₂O***LD50/oral/rat =** 750 mg/kg**Product information****Local effects**

Skin effects:	No information available.
Eye effects:	No information available.
Inhalation:	No information available.
Ingestion:	No information available.

12. ECOLOGICAL INFORMATION**Product information****Component information***Magnesite***Ecotoxicity effects** No information available*Ironsulphate, FeSO₄+1H₂O***Ecotoxicity effects**
EC50/48h/daphnia => 100 mg/l
LC50/96h/rainbow trout =>72.5 mg/l (6d)
EC50/72h/algae = 22 mg/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 and national 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: Granules

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 2

R22 - Harmful if swallowed.

Reason for revision: None

Prepared by: Regulatory Affairs Department.

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End of Safety Data Sheet