



Material Safety Data Sheet

According to EC Regulation 1907/2006

Print date: 06-Jul-2010***

Revision Number: 3***

Revision date: 06-Jul-2010***

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

Identification of the substance or preparation

MSDS Ref. No.: 2055.01.02
 Product name: Sportsmaster WSF High K
 Synonyms: 15+00+43+Fe***

Use of the Substance/Preparation

Recommended use: Water soluble fertilizer

Company/Undertaking Identification

• Scotts International BV
 Nijverheidsweg 1-5
 6422 PD Heerlen (NL)
 Tel: ++31 (0) 45-5609100
 Fax: ++31 (0) 45-5609190

Emergency telephone number: • +44 1235 239 670 (24h)***

Email: INFO-MSDS@Scotts.com

2. HAZARDS IDENTIFICATION

Classification

O - Oxidizing

Most important hazards

Contact with combustible material may cause fire.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature of the preparation

Components	CAS-No	Weight %	EC-No.	Classification
Iron EDTA	15708-41-5	1 - 5%	239-802-2	NE
Potassium nitrate, KNO ₃	7757-79-1	> 25%	231-818-8	O;R08

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NE = Non-Established

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

4. FIRST AID MEASURES

General advice:	Check the casualty's state of consciousness, breathing and pulse; put in emergency position or revive.
Ingestion:	Possible symptoms are nausea and/or vomiting. Clean mouth with water and drink afterwards plenty of water. If a person vomits when lying on his back, place him in the recovery position. Never give anything by mouth to an unconscious person. Consult a physician if necessary.
Inhalation:	Possible symptoms are coughing and/or dyspnoea. If not breathing, give artificial respiration. If symptoms persist, call a physician.
Skin contact:	If skin irritation persists, call a physician.
Eye contact:	Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Coordinate fire extinguishing measures to fire in surrounding area.

Unsuitable extinguishing media:

Not applicable

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

Danger of toxic gases in smoke in case of fire.

Special protective equipment for firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Specific methods:

Dike and collect water used to fight fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Sweep-up to prevent slipping hazard. Use personal protective equipment.

Environmental precautions:

Prevent product from entering drains. Do not contaminate surface water.

Methods for cleaning up:

Sweep up and shovel.

7. HANDLING AND STORAGE

Handling:

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Technical measures/precautions:	Provide appropriate exhaust ventilation at places where dust is formed.
Safe handling advice:	Avoid dust formation. Avoid contact with skin and eyes.
Storage:	
Technical measures/storage conditions:	Keep containers dry and tightly closed to avoid moisture absorption and contamination. Keep away from food, drink and animal feeding stuffs. For quality reasons: Keep out of reach of direct sunlight, store under dry conditions, partly used bags should be closed well. Keep at temperatures between 0 °C and 40 °C .
Incompatible products:	Keep away from: Flammable materials
Specific use(s):	Water soluble fertilizer.
Packaging material: VCI (Germany)	Plastic bags 5.1B

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:	Ensure adequate ventilation.
<u>Occupational exposure controls</u>	
<u>Personal protective equipment</u>	
Respiratory protection:	In case of insufficient ventilation wear suitable respiratory equipment.
Hand protection:	Pvc disposable gloves.
Eye/face protection	Safety glasses.
Skin and body protection:	Wear suitable protective clothing.
Hygiene measures	Follow good housekeeping practices. When using, do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs.
<u>Exposure limit values</u>	
<u>Environmental exposure controls</u>	Prevent product from entering drains.
 <i>Iron EDTA</i>	
Belgium - 8 Hr VLE	1 mg/m ³ TWA
Finland - Occupational Exposure Limits - 8 hour	1 mg/m ³ TWA
Norway - 8 h:	1 mg/m ³ TWA
Portugal - TWAs	1 mg/m ³ TWA
Spain - Valores Limite Ambientales - VLE	1 mg/m ³ VLA-ED
UK EH40 WEL:	1 mg/m ³ TWA

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical State:	Solid
Appearance:	Powder
Color:	Off-white
Odor:	No information available

Important Health Safety and Environmental Information

Solubility:	Completely soluble
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Other information

10. STABILITY AND REACTIVITY

Stability:	Stable under recommended storage conditions.
Conditions to avoid:	No special storage conditions required.
Materials to avoid:	Combustible material.
Hazardous decomposition products:	No decomposition if stored normally. Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION

Component information

<i>Potassium nitrate, KNO₃</i> LD50/oral/rat =	3750mg/kg
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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

Water Endangering Class (WGK): 1 (Scotts classification)

Component information

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Use up product completely. Packaging material is industrial waste
Contaminated packaging: Empty containers can be landfilled, when in compliance with the local regulations

14. TRANSPORT INFORMATION

Product information

Physical State: Solid

ADR/RID

UN-No: 1486
Proper shipping name: Potassium nitrate
Hazard Class: 5.1
Packing group: PG III
Description: Potassiumnitrate

IATA

UN-No: 1486
Proper shipping name: Potassium nitrate
Hazard Class: 5.1
Packing group: PG III
Description: Potassiumnitrate

IMO / IMDG

UN-No: 1486
Proper shipping name: Potassium nitrate
Hazard Class: 5.1
Packing group: PG III
Description: Potassiumnitrate
EmS: F-A / S-Q



15. REGULATORY INFORMATION

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O - Oxidizing.

**R -phrase(s)**

R 8 - Contact with combustible material may cause fire.

ICPE (FR): Classified installation : article 1230

16. OTHER INFORMATION**Text of R Phrases mentioned in Section 3**

R 8 - Contact with combustible material may cause fire.

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