



# 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.: 2053.01.02  
 Product name: Sportsmaster WSF High N  
 Synonyms: 35+00+14+Fe

### Use of the Substance/Preparation

**Recommended use:** Water soluble fertilizer.

### Company/Undertaking Identification

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**Email** INFO-MSDS@Scotts.com

## 2. HAZARDS IDENTIFICATION

### Classification

The product is classified and labelled 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
Potassium nitrate, KNO <sub>3</sub>	7757-79-1	> 25%	231-818-8	O;R08

NE = Non-Established

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

#### 4. FIRST AID MEASURES

<b>General advice:</b>	Check the casualty's state of consciousness, breathing and pulse; put in emergency position or revive.
<b>Ingestion:</b>	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.
<b>Inhalation:</b>	Possible symptoms are coughing and/or dyspnoea. If not breathing, give artificial respiration. If symptoms persist, call a physician.
<b>Skin contact:</b>	If skin irritation persists, call a physician.
<b>Eye contact:</b>	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:****Technical measures/precautions:**

Provide appropriate exhaust ventilation at places where dust is formed.

<b>Safe handling advice:</b>	Avoid dust formation. Avoid contact with skin and eyes.
<b><u>Storage:</u></b>	
<b>Technical measures/storage conditions:</b>	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 .
<b>Incompatible products:</b>	Keep away from: Flammable materials
<b>Specific use(s):</b>	Water soluble fertilizer.
<b>Packaging material: VCI (Germany)</b>	Plastic bags 5.1B

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering measures to reduce exposure:</b>	Ensure adequate ventilation.
<b><u>Occupational exposure controls</u></b>	
<b><u>Personal protective equipment</u></b>	
<b>Respiratory protection:</b>	In case of insufficient ventilation wear suitable respiratory equipment.
<b>Hand protection:</b>	Pvc disposable gloves.
<b>Eye/face protection</b>	Safety glasses.
<b>Skin and body protection:</b>	Wear suitable protective clothing.
<b>Hygiene measures</b>	Follow good housekeeping practices. When using, do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs.
<b><u>Exposure limit values</u></b>	
<b><u>Environmental exposure controls</u></b>	Prevent product from entering drains.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General Information

<b>Physical State:</b>	Solid
<b>Appearance:</b>	Powder
<b>Color:</b>	Off-white
<b>Odor:</b>	No information available

### Important Health Safety and Environmental Information

<b>Solubility:</b>	Completely soluble
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**Other information**

**Bulk density:** 800 - 1100 kg/m<sup>3</sup>

**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**

*Potassium nitrate, KNO<sub>3</sub>*  
**LD50/oral/rat =** 3750mg/kg

**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:** 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:

This product does not have to be classified according to the EU regulations.

**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**