



# SAFETY DATA SHEET

According to EC Directive 2001/58/EC

Print date: 28-Feb-2006

Revision Number: 0

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

### Identification of the substance or preparation

MSDS Ref. No.: SCSDS496  
Product name: Primo Maxx

### Use of the Substance/Preparation

Recommended use: Growth regulator.

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

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### Chemical nature of the preparation

Components	CAS-No	Weight %	EC-No.	Classification
Trinexapac-ethyl	95266-40-3	10 - 25%	USA182	N;R50/53
Tetrahydro-2-furylmethanol	97-99-4	> 25%	202-625-6	Xi: R36

*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

## 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:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Drink plenty of water. Consult a physician.

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<b>Inhalation:</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Skin contact:</b>	Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. If symptoms persist, call a physician.
<b>Eye contact:</b>	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**

Use dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam.

**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. Self-contained breathing apparatus and suitable protective clothing.

**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 let product enter drains. 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:**

Soak up with inert absorbent material. Take up mechanically and collect in suitable container for disposal.

## 7. HANDLING AND STORAGE

**Handling:****Technical measures/precautions:**

Ensure adequate ventilation.

**Safe handling advice:**

Avoid contact with skin, eyes and clothing. When using do not eat or drink. When using do not smoke. Remove and wash contaminated clothing before re-use.

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

Store in original container. Keep container tightly closed in a dry and well-ventilated place. Keep out of reach of children. Keep away from frost.

**Incompatible products:**

No information available

**Specific use(s):**

No information available

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:** Ensure adequate ventilation.

### Occupational exposure controls

#### Personal protective equipment

<b>Respiratory protection:</b>	Respirator with FFP3 filter.
<b>Hand protection:</b>	Chemical resistant gloves.
<b>Eye/face protection:</b>	Face-shield. Goggles.
<b>Skin and body protection:</b>	lightweight protective clothing, Rubber boots.
<b>Hygiene measures</b>	Avoid contact with skin and eyes. Remove and wash contaminated clothing before re-use.

### Exposure limit values

#### Environmental exposure controls

There are no Occupational Exposure Limits available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General Information

<b>Physical State:</b>	Liquid
<b>Color:</b>	Dark orange
<b>Odor:</b>	No information available

### Important Health Safety and Environmental Information

<b>pH:</b>	2 - 6 (1 % solution in water.)
<b>Flash point:</b>	82 (°C)
<b>Oxidising properties:</b>	Not oxidizing
<b>Density:</b>	1.05 - 1.09g/cm <sup>3</sup> (20 degrees C)
<b>Viscosity:</b>	48.7 mPa.S (10 - 200 rps; 20 degrees C) 23.5 mPa.s (10 - 200 rps;40 degrees C)

### Other information

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under recommended storage conditions.
<b>Conditions to avoid:</b>	No information available
<b>Materials to avoid:</b>	No information available
<b>Hazardous decomposition products:</b>	No decomposition if stored normally

## 11. TOXICOLOGICAL INFORMATION

### Component information

#### Product information

LC50/inhalation/4h/rat = >2.57mg/l  
LD50/dermal/rabbit = >2020mg/kg  
LD50/oral/rat = >5050mg/kg

#### Local effects

**Skin effects:** Non-irritating to the skin.  
**Eye effects:** Not irritating.  
**Inhalation:** No information available.  
**Ingestion:** No information available.

## 12. ECOLOGICAL INFORMATION

### Product information

#### Aquatic toxicity:

LC50/96h/rainbow trout = >125mg/l

EbC50/72h/bluegreen algae = >120mg/l  
ErC50/72h/bluegreen algae >120mg/l  
EC50/48h/daphnia = >118mg/l

### Component information

*Trinexapac-ethyl*

**Ecotoxicity effects** No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods:** Read and follow label instructions.  
**Contaminated packaging:** Can be incinerated, when in compliance with local regulations.

## 14. TRANSPORT INFORMATION

### Product information

**Physical State:** Liquid

**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:**

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

**S -phrase(s)**

S 2 - Keep out of the reach of children.

S13 - Keep away from food, drink and animal feedingstuffs.

S20/21 - When using, do not eat, drink or smoke.

**Registration number UK/Eire**

MAPP 11878

**16. OTHER INFORMATION****Text of R Phrases mentioned in Section 2**

R36 - Irritating to eyes.

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Reason for revision:**

Not applicable

**Prepared by:**

Regulatory Affairs Department.

Full formulation details are confidential to Syngenta Crop Protection UK Ltd, Whittlesford, Cambridge, CB2 4QT

Phone: 01223 833621

Emergency telephone: +44 (0) 1484 538 444.

**End of Safety Data Sheet**