



SAFETY DATA SHEET

According to EC Directive 2001/58/EC

Print date: 23-Jan-2006

Revision Number: 0

Revision date: (invalid date)

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

Identification of the substance or preparation

MSDS Ref. No.: SCSDS046
Product name: Shortcut

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	> 25%	USA182	N;R50/53

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

3. HAZARDS IDENTIFICATION

Classification

The product has been classified according to the Chemicals (Hazard Information and Packaging for Supply) Regulations [CHIP 3].

Most important hazards

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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).

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Ingestion:	If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting.
Inhalation:	Move to fresh air. If symptoms persist, call a physician.
Skin contact:	Wash off immediately with soap and plenty of water. 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:

Water spray mist or foam, dry chemical, carbon dioxide (CO2).

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. Wear suitable protective clothing.

Environmental precautions:

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

Methods for cleaning up:

Avoid dust formation. Moisten and remove. Take up mechanically and collect in suitable container for disposal. Never return spills in original containers for re-use.

7. HANDLING AND STORAGE

Handling:**Technical measures/precautions:**

Read and follow label instructions. Ensure adequate ventilation. Avoid dust formation.

Safe handling advice:

Do not breathe dust.. Avoid contact with skin, eyes and clothing. When using do not eat or drink. When using do not smoke.

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

Store in original container. Keep tightly closed in a dry and cool place. Protect from light. Keep away from food, drink and animal feeding stuffs.

Incompatible products:	No information available
Specific use(s):	No information available
Verband der Chemischen Industrie (VCI):	Exempt
Risk classification according to VbF (Germany)	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:	Chemical resistant gloves.
Eye/face protection:	Safety glasses with side shields or goggles.
Skin and body protection:	Wear suitable protective clothing.
Hygiene measures	When using, do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs.

Exposure limit values

Environmental exposure controls

There are no Occupational Exposure Limits available.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical State:	Powder
Color:	Beige
Odor:	No information available

Important Health Safety and Environmental Information

Solubility: Miscible

Other information

Bulk density: 0.27

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.

Conditions to avoid: None known.

Materials to avoid: None known.

Hazardous decomposition products: No decomposition if stored normally

11. TOXICOLOGICAL INFORMATION

Component information

Product information

LC50/inhalation/4h/rat = >5mg/l
LD50/dermal/rat 2020mg/kg
LD50/oral/rat = >5050mg/kg

Local effects

Skin effects: Non-irritating to the skin.
Eye effects: May cause eye irritation with susceptible persons
Inhalation: No information available.
Ingestion: No information available.

12. ECOLOGICAL INFORMATION

Product information

Aquatic toxicity:

LC50/96h/bluegill sunfish = >100mg/l

LC50/96h/rainbow trout = >100mg/l

EC50/72h/algae = >100mg/l

EC50/48h/daphnia = 100mg/l

Component information

Trinexapac-ethyl

Ecotoxicity effects No information available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Do not contaminate ponds, waterways or ditches with chemical or used container.. Use up product completely. Packaging material is industrial waste. Dispose of in accordance with local regulations and national regulations.

Contaminated packaging: Do not re-use empty containers. Dispose of in accordance with local regulations and national regulations.

14. TRANSPORT INFORMATION

Product information

Physical State: Powder

ADR/RID

UN-No: 3077
Packing group: III
Proper shipping name: Environmentally Hazardous Substance Solid
N.O.S.(Trinexapac-Ethyl).
Hazard Class: 9

IATA

UN-No: 3077
Proper shipping name: Environmentally Hazardous Substance Solid
N.O.S.(Trinexapac-Ethyl)
Packing group: III
Hazard Class: 9

IMO / IMDG

UN-No: 3077
Proper shipping name: Environmentally Hazardous Substance Solid
N.O.S.(Trinexapac-Ethyl)
Packing group: III
Hazard Class: 9

15. REGULATORY INFORMATION

Indication of danger:

The product has been classified according to the Chemicals (Hazard Information and Packaging for Supply) Regulations [CHIP 3].

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

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S -phrase(s)

S 2 - Keep out of the reach of children.

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

S35 - This material and its container must be disposed of in a safe way.

S57 - Use appropriate container to avoid environmental contamination.

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

Registration number UK/Eire

MAFF 09254

16. OTHER INFORMATION

Text of R Phrases mentioned in Section 2

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

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