

# Safety Data Sheet

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replaces all previous editions

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## TOUCHDOWN

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

#### Identification of the Substance or Preparation

Trade Name TOUCHDOWN  
Design Code YF11525  
AGI Code 1002563

#### Company Identification

Company Syngenta Crop Protection UK Ltd  
Whittlesford, CAMBRIDGE, CB2 4QT  
Phone (01223) 833621  
Fax (01223) 493700  
Website www.syngenta-crop.co.uk  
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### 2. COMPOSITION / INFORMATION ON INGREDIENTS

#### Product Description

A phosphonic acid herbicide. An aqueous solution with wetting agent.

CAS	Product Denomination	Concentration	Hazard Symbol	Risk phrases (R)
81591-81-3	Glyphosate Trimesium	480 g/l	Xn	22
	Alkyl polysaccharide	< 500 g/l	Xi	41

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### 3. HAZARDS IDENTIFICATION

Harmful if swallowed.

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### 4. FIRST AID MEASURES

**Eye contact** : Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. Obtain immediate medical attention.

**Skin contact** : Take off immediately all contaminated clothing. Wash skin immediately with water, followed by soap and water. Such action is essential to minimise contact with skin. Contaminated clothing should be laundered before re-issue.

**Inhalation** : Remove patient from exposure, keep warm and at rest. Obtain medical attention as a precaution.

**Ingestion** : If swallowed seek medical advice immediately and show the container, label or this Data Sheet, if possible. Do not induce vomiting.

#### Medical advice

If the amount of chemical is judged to be less than a lethal dose, observe the patient and treat symptomatically. If gastric lavage is considered necessary, prevent aspiration of gastric material. Consider administration of activated charcoal and a laxative.

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### 5. FIRE FIGHTING MEASURES

Keep fire exposed containers cool by spraying with water.

**Extinguishing media:** For small fires, use foam, carbon dioxide or dry powder extinguishant. For large fires, use foam or water-fog; avoid use of water jet. Contain run-off water with, for example, temporary earth barriers.

**Protective equipment:** A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

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## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Ensure suitable personal protection during removal of spillages. This means wearing eye protection, chemically resistant gloves, boots and coveralls.

**Clean up methods:** Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Wash the spillage area with water. Washings must be prevented from entering surface water drains.

Spillages or uncontrolled discharges into water courses must be alerted to the appropriate regulatory body.

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## 7. HANDLING AND STORAGE

### Handling

Read the label before use.

Avoid contact with skin and eyes. Avoid contact with spray when spraying. When using do not eat, drink or smoke. Wash face and hands before eating, drinking or smoking.

### Storage

Keep in original containers, tightly closed, out of reach of children. Keep away from food, drink and animal feeding stuffs. Protect from frost.

Do not store or apply this product in galvanised steel or unlined steel (except stainless steel) containers or spray tanks.

Storage Life: Physically and chemically stable for at least 2 years when stored in the original unopened sales container at ambient temperatures.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Controls

Hazardous ingredient: Glyphosate Trimesium SYNGENTA Standard, 8 hr TWA 5 mg/m<sup>3</sup>

### Personal protection

When using this product refer to the label for details.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid.
Colour:	Clear brown.
Odour:	Fragranced.
Boiling point:	Approx 100 °C.
Melting point:	Not available.
Flash point:	Does not flash.
Autoignition temperature:	Not available.
Explosive properties:	Not applicable.
Vapour pressure:	Not available.
Density:	1.19 - 1.22 g/ml at 20 °C.
Solubility:	Soluble in/with water.
pH-value (quant.):	3.8 - 4.6.
Partition coeff.:	Not available.
Viscosity:	55 - 75. Brookfield no. 1 at 60 rpm and 20 °C.
Oxidizing properties:	Not applicable.

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## 10. STABILITY AND REACTIVITY

Hazardous decomposition products: Combustion or thermal decomposition will evolve toxic and irritant vapours.

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## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity (Lethal Doses)

This health hazard assessment is based on information available on similar formulations.

LD50 Oral male rats: 1760 mg/kg

Oral Median Lethal Dose female rats: 1298 mg/kg

Harmful if swallowed.

LD50 Dermal rabbit: (calculated) > 4000 mg/kg

Inhalation: Unlikely to cause harmful effects when handled and used as directed on the label.

### Acute Toxicity (Irritation, Sensitisation etc.)

Eye Irritation: Moderate irritant to rabbit eyes.

Skin Irritation: Non-irritant to rabbit skin.

Skin Sensitisation: It is not a skin sensitiser.

### Chronic Toxicological Effects / Long Term Exposure

Long Term Exposure: No long term risks to man are associated with this material when handled and used as directed on the label.

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## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

This environmental hazard assessment is based on information available on similar products.

Toxicity to fish: LC50 96 hours Rainbow trout, 517 mg formulation/l

Low toxicity to fish.

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## 13. DISPOSAL CONSIDERATIONS

Do not contaminate ponds, waterways or ditches with chemical or used containers. Surplus material must be disposed of as detailed in the *'Guidelines for the avoidance, limitation and disposal of pesticide waste on the farm'* GCPF, 1987. Empty containers should be washed and discarded. Empty containers should not be used for other purposes. Disposal should be in accordance with local, state or national legislation.

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## 14. TRANSPORT INFORMATION

Not Classified as Dangerous for Transport.

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## 15. REGULATORY INFORMATION

Classification:	<b>HARMFUL</b>	
Hazard symbols:	<b>Xn</b>	
Risk Phrases (R):	22	Harmful if swallowed.
Safety Phrases (S):	2	Keep out of the reach of children.
	13	Keep away from food, drink and animal feeding stuffs.
	20/21	When using, do not eat, drink or smoke.
	46	If swallowed, seek medical advice immediately and show this container or label.
	36/37	Wear suitable protective clothing and gloves.
Special label (SO):	53	Do not re-use container, keep tightly closed in a safe place.

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## 16. OTHER INFORMATION

Use: An agricultural/horticultural/industrial herbicide.

Always read the label. Use pesticides safely.

Approval number; MAPP 10538.

Based on SDS dated 25/10/99.

**The information contained herein is based on the present state of our knowledge as is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.**