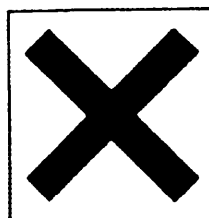


1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name: 'Touchdown' LA
 MAFF No: 07747



Company: Miracle Professional
 Salisbury House
 Weyside Park
 Catteshall Lane
 Godalming
 Surrey GU7 1XE

HARMFUL

Phone number: 01483 410210
 Emergency phone: 01865 407333

2. COMPOSITION/INFORMATION ON INGREDIENTS

A phosphonic acid herbicide. An aqueous solution containing 480 g/l glyphosate trimesium with wetting agents.

Hazardous ingredient(s)	CAS No.	g/l	Symbol	R Phrases
Glyphosate trimesium	081591-81-3	480	Xn	R22
Alkyl polysaccharide	-	< 500	Xi	R36

3. HAZARDS IDENTIFICATION

Harmful if swallowed.

4. FIRST-AID MEASURES

If swallowed seek medical advice immediately and show product label or this Safety Data sheet..

- Inhalation** Remove patient from exposure, keep warm and at rest. Obtain medical attention as a precaution.
- 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-use.
- Eye Contact** Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. Obtain immediate medical attention.
- Ingestion** If swallowed seek medical advice immediately and show the container, label or this Data Sheet, if possible. *Do not induce vomiting.*

Medical Advice: Symptomatic treatment and supportive therapy as indicated.

5. FIRE-FIGHTING MEASURES

Keep fire exposed containers cool by spraying with water.

Extinguishing media

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

Protective Equipment:

Self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

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: Absorb spillages onto sand, earth or any suitable absorbent 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 discharge into water courses must be alerted to the appropriate regulatory body.

7. HANDLING AND STORAGE

7.1 Handling

Read the label before use.

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

7.2 Storage

Keep in original container, 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 temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protection: When using this product refer to the label for details.

Occupational Exposure Limits: Not applicable to field use.

Hazardous ingredient(s)	LTEL 8hr TWA		STEL		Time min	ZEN
	ppm	mg/m ³	ppm	mg/m ³		
Glyphosate trimesium		5				

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	liquid	Colour:	clear brown
Odour:	organosulphurous	pH (Value)	not available
Boiling point (°C):	approx 100	Melting point (°C):	not available
Auto Ignition Temp (°C):	not available	Flash Point (°C):	does not flash
Explosive Properties:	not applicable	Oxidising Properties:	not applicable
Vapour Pressure (mm Hg):	not available	Solubility (Water):	soluble
Partition Coefficient:	not available	Density (g/ml):	1.21
Viscosity (mPa.s):	55 - 75 Brookfield no. 1 at 60 rpm and 20°C		

10. STABILITY AND REACTIVITY

Hazardous Decomposition Product(s): Combustion or thermal decomposition will evolve toxic and irritant vapours.

11. TOXICOLOGICAL INFORMATION

Inhalation:	Unlikely to cause harmful effects under normal conditions of handling and use.
Skin Contact:	Non-irritant to rabbit skin. It is not a skin sensitiser. Dermal Median Lethal Dose (calculated) >4000 mg/kg (rabbit)
Eye Contact:	Moderate irritant to rabbit eyes.
Ingestion:	Harmful if swallowed. Oral Median Lethal Dose 1760 mg/kg (rat)
Long Term Exposure:	No long term risks to man are associated with the normal handling and use of this material.

12. ECOLOGICAL INFORMATION

Toxicity: Low toxicity to fish.
LC₅₀ rainbow trout (96 hours) 517 mg formulation/l.

13. DISPOSAL CONSIDERATIONS

Do not contaminate ponds, waterways or ditches with chemical or used containers. Dispose of product concentrate, diluted product and empty containers according to the Code of Practice for the Use of Approved Pesticides in Amenity and Industrial Area (NAAC/NTC). Empty containers should be rinsed before disposal. Empty containers should not be used for other purposes.

Disposal should be in accordance with local or national legislation.

14. TRANSPORT INFORMATION

Not classified as Dangerous for Transport.

15. REGULATORY INFORMATION

Classification:	HARMFUL	
Hazard Symbol:	Xn	
Risk Phrases:	R22	Harmful if swallowed.
Safety Phrases	S2	Keep out of reach of children.
	S13	Keep away from food, drink and animal feeding stuffs.
	S20/21	When using do not eat, drink or smoke.
	S36/37	Wear suitable protective clothing and gloves.
	S46	If swallowed seek medical advice immediately and show this container or label.
	SO53	Do not reuse container, keep tightly closed in a safe place.

This substance has been labelled in accordance with the Control of Pesticides Regulations, 1986. Users should ensure that they comply with any relevant local or national legislation.

The (COSHH) Control of Substances Hazardous to Health Regulations 1994 may apply to the use of this product at work.

16. OTHER INFORMATION

This product was previously marketed by Zeneca (MAFF 06444).

Product packed in 1 litre or 5 litre HDPE bottles.

This data sheet was prepared in accordance with Directives 91/155/EEC and 93/112/EC.

Use: A non-selective foliar-applied non-residual systemic herbicide for the control of annual and perennial grass and broad-leaved weeds in amenity non-crop areas.

'Touchdown' is the trade mark of a Zeneca Group Company.

The information on this sheet is not a specification, it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product nor where instructions or recommendations are not followed.