



MATERIAL SAFETY DATA SHEET

**BRAMBLE KILLER ULTRA**

**1. IDENTIFICATION OF SUBSTANCE, PREPARATION AND COMPANY**

**Product name:** Bramble Killer Ultra  
**MAPP:** M13236  
**Use:** Herbicide  
**Formulation Type:** Ready to Use Solution  
**Supplier:** William Sinclair Horticulture Limited  
 Firth Road  
 Lincoln LN6 7AH  
 Tel: (01522) 537561  
 Fax: (01522) 513609

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

Name	CAS No / EC No.	Hazard Symbol	R Phrase	Conc <sup>n</sup>
Glyphosate (ammonium salt)	1071-83-6	Not classified		0.7 2%

**3. HAZARDS IDENTIFICATION**

**Critical Hazard to man:** no specific hazard  
**Critical Hazard to environment :** no specific hazard

**4. FIRST AID MEASURES**

**General Advice** Remove from source of exposure. Remove all contaminated clothing and wash affected area.  
**Inhalation:** Remove the individual from exposure to this product and keep well ventilated with fresh air. Keep at rest. If necessary and if breathing stops, give artificial respiration. Seek medical attention.  
**Skin Contact** Remove contaminated clothing immediately. Wash affected area thoroughly with soap and water. Rinse with water.  
**Eye Contact** Rinse immediately with plenty of water for at least 15 minutes and then seek medical attention.  
**Ingestion** If swallowed, seek medical attention immediately  
**Treatment** Treat Symptomatically

Consult a Poisons Centre such as;  
**0207 635 9191 (National Poisons Information Service - London**  
**(AUTHORISED MEDICAL PRACTITIONERS ONLY)**

## 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media** Fight fire with CO<sub>2</sub>, dry chemical powder, foam or water spray (in preference to water jet).  
**Specific hazards** Combustion of packaging may generate toxic fumes containing HF, HC<sub>3</sub>,HCN and NO<sub>3</sub>  
**Protective Equipment** Wear self-contained breathing apparatus (SCBA).  
**Specific Methods** Remove undamaged containers from source of combustion.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Protective Equipment:** Wear protective gloves.  
**Environmental Protection:** No specific actions.  
**Clean up Methods:** Contain spillage. Absorb spillage with sand or earth and dispose of through local waste disposal contractor.

## 7. HANDLING AND STORAGE

### Handling

No specific PPE requirement

### Storage

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

WHEN USING, DO NOT EAT, DRINK OR SMOKE.

WASH SPLASHES from skin or eyes immediately.

AVOID ALL CONTACT BY MOUTH, WITH SKIN AND EYES.

WASH HANDS AND EXPOSED SKIN before eating, drinking or smoking and after work.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.

KEEP OUT OF REACH OF CHILDREN.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

### Personal Protective Equipment

No specific PPE requirement

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>State:</b>	Liquid	<b>Density</b>	as water
<b>Colour:</b>	clear	<b>Odour</b>	Negligible

**pH** 4.4 -4.9

## 10. REACTIVITY AND STABILITY

**Stability** Stable under normal ambient conditions  
**Condition to avoid** --

## 11. TOXICOLOGICAL INFORMATION

**Acute oral LD<sub>50</sub> (rat)** >5,000 mg/kg (formulation)  
**Acute dermal LD<sub>50</sub> (rabbit)** >5,000 mg/kg (formulation)  
**Acute inhalation LC<sub>50</sub> (4h, rat)** >3.66 mg/l (active ingredient)  
**Irritation to Skin :** Not irritating      **Eye Irritation** Not Irritating to eye  
**Sensitization** Not known to be a sensitizer

## 12. ECOLOGICAL INFORMATION

**Mobility** strongly absorbed to soil and practically immobile.

### Ecotoxicity

(ai)	rainbow Trout	LC <sub>50</sub>	86	mg/l (96hr)
(ai)	Daphnia magna	LC <sub>50</sub>	>780	mg/l (48hr)
(ai)	Bees	LD <sub>50</sub>	>0.1	mg/bee
(ai)	Bobwhite quail		3850	mg/kg

## 13. DISPOSAL

Contact Local Authority (Environmental Health Department) or a reputable waste disposal company for collection and disposal of unwanted product or containers.

## 14. TRANSPORT

**UN Number** : --  
**Packaging Group:**  
**Marine Pollutant:**  
**ADR/RID Classification** : not classified  
**IMDG/IMO Classification** : not classified

## Proper shipping name

### 15. REGULATORY INFORMATION

<b>HazardSymbol</b>		not applicable
<b>R Phrases</b>		not applicable
<b>S Phrases</b>	S13	Keep away from food, drink and animal feeding stuffs
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S35	This material and its container must be disposed of in a safe way.

### 16. OTHER INFORMATION

#### Packaging

Container : 1 – 5 litre HDPE TRIGGER SPRAY PACK.

This safety data sheet provides health and safety information. The product is to be used in a way consistent with best horticultural practice as stated on packaging. Individuals handling this product should be informed under COSHH of the recommended safety precautions and should have access to this information. The product information in this data sheet is to the best of our knowledge correct at the date of publication. William Sinclair Horticulture Limited disclaims any liability for any loss or damage resulting from reliance on this information.

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