

Material Safety Data Sheet

WOODY

1. Identification of the substance/preparation and company/undertaking:

MAPP Number: **MAPP14163**

Trade Name: Woody

Recommended Uses: Herbicide for control of scrub and brushwood in forests and land not intended to bear vegetation.

Manufacturer/Supplier: AgchemAccess Holdings Limited
1 La Rue De La Blinerie
St. Clement
Jersey
United Kingdom
JE2 6QT

Telephone number: 0845 4599413

Fax Number: 020 71499815

e-mail: enquire@agchemaccess.com

Emergency Telephone Nos: 023 8040 7831 [AgChemAccess 24 hrs.]

0870-600-6266 [UK National Poisons Control Information Service (NPIS) Centre]

01-8379964/66 [Poisons Information Centre, Beaumont Hospital, Beaumont, Dublin 9, Ireland]

2. Composition/Information on Ingredients:

HAZARDOUS COMPONENTS:

Component	CAS Reg. No.	EINECS ELINCS No.	Conc. % w/w	Risk Phrases*	Hazard Symbol
Triclopyr-2-butoxy-ethyl ester	064700-56-7	265-024-8	61-62%	R22, 43, R50, 53	Xn, N
Surfactant	-	-	<5%	R38 - 41	Xi
Kerosene	008008-20-6	232-366-4	20-40%	R10, 65, 66, R51, 53	Xn, N

Plus inert ingredients to make up the balance.

* See Section 16 for details of risk phrases.

3. Hazards Identification

Health Hazards: Harmful if swallowed and may cause lung damage if swallowed. Irritating to skin. May cause sensitisation by skin contact.

Environmental hazard in case of accident (spillage or leakage): Very toxic to aquatic organisms; may cause long term adverse effects in the aquatic environment.

4. First Aid Measures

General: Have the product container, label or Materials Safety Data Sheet with you when calling the Poisons Information Service, AgChemAccess, a physician or when going for medical treatment. Move out of contaminated area and place victim in the recovery position if necessary. Remove contaminated clothing and dispose of safely.

Skin Contact: Wash affected area immediately with plenty of water. Remove contaminated clothing and wash thoroughly before re-use.

Eye Contact: Rinse immediately with plenty of water for at least 15 minutes, including under eyelids. Remove contact lenses if worn. Call a physician or an ophthalmologist if effects persist.

Inhalation: Remove patient to fresh air and seek medical advice. Keep the patient warm and at rest.

Ingestion: If swallowed, contact poison control centre or seek medical advice immediately and show product container or label. DO NOT induce vomiting. Rinse mouth with clean water and dispose of residues safely.

Further Information: Note to medical staff: The benefits of gastric lavage must be weighed against the risk of lung aspiration and endotracheal and/or oesophageal control is suggested. Monitor the patient and treat the symptoms as they occur.

5. Fire-fighting measures:

Extinguishing Media for fires: Use water spray, foam, dry powder or carbon dioxide.

Specific hazards during fire-fighting: During a fire the smoke produced may contain the original material in addition to phosgene, hydrogen chloride, nitrous oxides.

Special protective equipment for fire-fighters: Wear full protective clothing and self-contained breathing apparatus. DO NOT breathe fumes.

Further Information: Contain fire-fighting water with sand or some such bunding material to prevent entry to drains or water courses. Avoid breathing smoke. Cool closed containers exposed to the fire with a water spray.

6. Accidental release measures:

Personal precautionary measures: Keep sources of ignition away from affected area. Wear the personal protective equipment outlined in section 8 below. Remove contaminated clothing immediately. Wash skin area with soap and water. Wash clothing before re-use.

Environmental protection measures: Keep the area isolated and do not allow contamination to enter drains or waterways. Prevent further leakage if safe to do so. Spillage or uncontrolled discharges into watercourses must be alerted to the National Rivers Authority or Environmental Agency (Tel: 0800 807060).

Procedures for cleaning/absorption: Soak up with sand or other non-combustible absorbent material using mechanical handling equipment and place in containers for disposal according to local/national regulations (see section 13). Clean contaminated floors and objects thoroughly and dispose of cleaning equipment safely. For large spillages, barricade the area and consult the manufacturer.

7. Handling and storage:

Handling: Use the personal protective equipment detailed in section 8. Use only in an area with appropriate exhaust ventilation. When using, do not eat, drink or smoke and wash hands and exposed skin after work. Avoid contact with skin or eyes.

Storage: Store in a cool dry and well-ventilated place in the original containers and protect from excessive heat or cold. Keep in an area accessible to authorised personnel only. Store away from food, drink, animal feeding stuffs, pharmaceuticals, cosmetics and fertilisers.

Additional information: The product is stable for at least two years when stored at ambient temperatures in the unopened container. Ensure temperature does not exceed 40°C.

8. Exposure controls/Personal protection:

Engineering measures to reduce exposure: Engineering controls to avoid exposure are preferable to personal protective equipment where practically feasible to use. Good general ventilation is sufficient for most operations and local exhaust ventilation is needed in some situations.

Exposure guidelines: IHG for Triclopyr = 2 mg/m³ for skin.

Personal protective equipment: Avoid contact with skin, eyes or clothing. Keep work clothes separate from other clothing. Clothing that cannot be cleaned should be burned. When using, consult the label for appropriate protective equipment. In all other situations, use the following personal protective equipment.

Eye protection: Wear eye protection (safety glasses) with side shields. Where contact with the liquid is a risk, chemical goggles or a face shield are recommended.

Hand protection: Wear chemical-resistant gloves specified to Standard EN 374 made of nitrile, polyvinyl chloride or neoprene. Wash contamination from the gloves

immediately and dispose of safely if perforated or contaminated on the inside. Wash hands before eating, drinking or smoking and before using the toilet.

Respiratory protection: Where airborne exposure levels may exceed guidelines or where comfort levels indicate some protection is required, use of an air-purifying may be necessary but for most situations no respirator is required. In the event of an emergency, use of positive pressure self-contained breathing apparatus is recommended.

Skin and body protection: Wear suitable chemical-resistant protective clothing based on the potential exposure risk over normal clothes to provide two barriers. When finished, wash with soap and water after removing protective clothing. Take a shower if necessary. Decontaminate clothing before re-use or use disposable clothing. Do not eat, drink or smoke while working.

9. Physical and chemical properties:

Appearance:	Liquid.
Colour:	Golden brown.
Explosive risk:	Not explosive.
Flash point:	65°C
Auto-ignition temperature:	238°C
Flammability:	Not flammable
Water solubility:	Emulsifiable.
Density:	1.08 g/cm ³
Surface tension:	27mN/m @ 25°C
pH range:	5-6

10. Stability and reactivity:

Stability: Stable under normal storage conditions.

Conditions to avoid: Extremes of temperature (below -10°C or above 40°C) and direct sunlight. When subjected to intense heat, closed containers will experience a build-up of pressure and may explode.

Materials to avoid: Strong basic, acidic or oxidising materials.

Hazardous reactions: None known when stored or used as recommended.

11. Toxicological information:

Oral toxicity (LD ₅₀):	1100 mg/kg (rat)
Acute dermal toxicity (LD ₅₀):	>2.000 mg/kg (rat).
Skin irritation:	Slight skin irritant (rabbit).
Eye irritation:	Slightly irritating to eyes (rabbit).
Sensitisation:	Sensitising (Guinea pig skin)
Inhalation toxicity (LC ₅₀):	>5.2 mg/L (rat).

Additional information: Not carcinogenic, mutagenic or toxic to reproduction.

12. Ecological information:

Ecotoxicological effects:

Toxicity to fish (LC ₅₀):	<1 mg/l – Very toxic
Toxicity to algae (EC ₅₀):	10 -100 mg/L - Harmful
Toxicity to aquatic Invertebrates (EC ₅₀):	<1 mg/l – Very toxic

Additional Information: Non-toxic to bees and practically non toxic to birds (LD₅₀ > 2000 mg/kg). The ester is rapidly hydrolysed to the parent acid in soil and water where the acid has a typical half-life of 6 – 52 days, depending upon conditions.

13. Disposal considerations:

This product is very toxic to aquatic organisms.

Waste from residues and unused product: Do not contaminate ponds, waterways or ditches. In accordance with current regulations after consultation with a disposal site operator and/or the responsible authority, this product may be taken to a waste disposal site or an incineration plant.

Contaminated packaging: Empty containers and triple rinse. Dispose of empty containers according to the 'Code of Practice for the Safe Use of Pesticides on Farms and Holdings' available from HMSO. Do not re-use container for any purpose.

14. Transport information:

LAND/SEA/AIR (RID / ADR / IMDG / IATA)

Labels	UN Number	Packaging group
9	3082	III

Description of goods: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Triclopyr).

Marine pollutant: Yes

Kemler code: 90

Tremcard Nr CEFIC: 90GM6 - III

Note: Sample shipment by mail not allowed.

15. Regulatory information:

This product has been classified according to 'The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002: CHIP 3 and any subsequent amendments. Classification and labelling is according to EC Directive on dangerous preparations 1999/45/EC as amended.

Hazardous components which must be listed on the label:

- Triclopyr

Hazard symbol/ Classification :	Xn N	HARMFUL DANGEROUS FOR THE ENVIROMENT
Risk phrases (R):	R22 R38 R43 R50/53 R65	Harmful if swallowed. Irritating to skin May cause sensitisation by skin contact. Very toxic to aquatic organisms; may cause long term adverse effects in the aquatic environment. Harmful, may cause lung damage if swallowed.
Safety phrases:	S24 S35 S37 S57 S62	Avoid contact with skin. This product and its container must be disposed of in a safe way Wear suitable protective gloves. Use appropriate containment to avoid environmental contamination. If swallowed, do not induce vomiting. Seek medical advice immediately and show the container or this MSDS.
Special note:		To avoid risks to man and the environment, comply with the instructions for use.

16. Other information:

Health and Environmental Hazards:

Text of R phrases mentioned in Section 2.

Risk phrases (R)	R10 R22 R36 R41 R43 R50/53 R65 R66	Flammable Harmful if swallowed. Irritating to skin. Risk of serious damage to eyes. May cause sensitisation by skin contact. Very toxic to aquatic organisms; may cause long term adverse effects in the aquatic environment. Harmful; may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking.
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Disclaimer: The information contained in this MSDS is designed to give general health and safety guidance on the storage and transport of the substance/preparation to which it relates. Requirements arising from a Risk Assessment of the substance/preparation in a particular working environment should take precedence over any of the guidance contained in this MSDS where there is a difference in the information given. The information contained in this MSDS is accurate at the date of publication and will be updated as and when appropriate. Liability will not be accepted for any injury, loss or damage resulting from any failure to take account of information or advice contained in this MSDS.

Compiled in accordance with EC Directive 91/155/EEC and subsequent amendments EC Directives 93/112/EEC and 2001/58/EC.