

Portman Propachlor

SECTION 1 – IDENTIFICATION OF THE SUBSTANCE AND COMPANY

TRADE NAME: Portman Propachlor
DESCRIPTION: Aqueous Concentrate herbicide product

ADDRESS: PORTMAN AGROCHEMICALS LTD
 Maidenstone Heath
 Blundell Lane
 Bursledon
 Southampton
 England
 SO31 1AA

TELEPHONE: 023 8040 6640

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

C.A.S. NUMBER:	COMPONENT (S)	% W/W
1918-16-7	Propachlor	44.8%

SECTION 3 – HAZARDS IDENTIFICATION

Eye Contact: May cause pain, redness and tearing based on toxicity studies.

Skin Contact: Causes skin burns based on toxicity studies. No more than slightly toxic based on toxicity studies. May cause allergic skin reaction based on toxicity studies. Propachlor, the active ingredient in this product, causes pain, redness, and a burning sensation, and may cause allergic skin reactions in susceptible individuals based on reports by workers.

Ingestion: No more than slightly toxic based on toxicity studies. No significant adverse health effects are expected to develop if only small amounts (less than a mouthful) are swallowed.

Inhalation: No more than slightly toxic if inhaled based on toxicity studies. Exposure to specific components in this product has been reported to cause respiratory tract irritation.

SECTION 4 – FIRST AID MEASURES

INGESTION: Do not induce vomiting. Give large quantities of water. Get medical attention. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SKIN CONTACT: Immediately flush with plenty of water. Sensitised persons should avoid further contact with contaminated clothing. Get medical attention.

EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes. Get medical attention.

INHALATION: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

Portman Propachlor

SECTION 5 – FIRE FIGHTING MEASURES

Flash Point:	>100°C
Auto Ignition Temperature:	Not determined
Extinguishing Media:	Water spray, foam, dry chemical, CO2, or any class B extinguishing agent
Special Fire Fighting:	Firefighters and others that may be exposed to vapours, mists,
Procedures	dusts or products of combustion should wear full protective clothing and self-contained breathing apparatus. Equipment should be thoroughly cleaned after use.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

- Observe all protection and safety precautions when cleaning up spills - See Exposure Controls/Personal Protection, Section 8.
- Observe all protection and safety precautions when cleaning up spilled material -- see Occupational Control Procedures.
- Spills or leaks on floor or other impervious surfaces can be covered with attapulgit or bentonite. Scoop up contaminated clay, place in metal drum and dispose of in accordance with instructions under Disposal. When all possible solid material has been picked up, scrub surface with a strong detergent solution and rinse with water.
- Spills or leaks on the ground should be contained in the smallest possible area. Dig up contaminated soil, place in drums and dispose of in accordance with instructions under Disposal.
- Leaking containers or collected spilled liquid should be placed in metal drums and disposed of in accordance with instructions under Disposal.
- Do not contaminate water, foodstuffs, seed or feed by storage and disposal.

SECTION 7 – HANDLING AND STORAGE

Handling

- Sensitised workers should avoid contact.
- Avoid contact with eyes and skin
- Wear suitable protective gloves and face protection
- Wear respirator if exposed to spray
- Wash concentrate from skin or eyes immediately
- When using do not eat drink or smoke
- Wash hands and exposed skin before meals and after work
- Wash contaminated protective clothing after use, particularly the insides of gloves.
- Do not reuse the container for any other purposes
- Triple rinse drums and empty washings into spray tank.
- Take care not to contaminate surface waters and ditches with chemical or used container.

Portman Propachlor

Storage

- Keep in a designated pesticide store or warehouse.
- Keep out of reach of children.
- Keep away from food, drink and animal feedingstuffs.
- Keep in original container.
- Protect from frost.

SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

Personal Protective Equipment

Eye Protection: Wear chemical safety goggles to prevent eye contact during operations such as mixing or transfer or other activities when there is potential for eye contact.

Skin Protection: Wear appropriate protective clothing and waterproof gloves to prevent skin contact. Applicators and other handlers must wear: coveralls, worn over long sleeved shirt and long pants; waterproof gloves; chemical resistant footwear with socks; chemical-resistant apron when cleaning equipment, mixing or loading; and chemical-resistant headgear when there is overhead exposure. Wash hands and contaminated skin thoroughly after handling. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturers instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Attention! Repeated or prolonged contact may cause allergic skin reaction in some people.

Respiratory Protection Avoid breathing mist or vapour. Use approved respiratory protection equipment if exposure is possible.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

(Note: N/A = Not Applicable, N/D = Not Determined)

APPEARANCE:	Opaque liquid (smooth)
COLOUR:	White/off White
ODOUR:	Slight Amine/Latex
SOLUBILITY	Readily soluble in water
RELATIVE DENSITY	1.12 @20°C
pH as supplied	4.4-4.9 (5% soln.)

SECTION 10 – STABILITY AND REACTIVITY

Conditions to Avoid: None

Incompatibility with Other Materials: Corrosive to mild steel but not to stainless steel, lined steel or plastic.

Hazardous Decomposition Products: None

Hazardous Polymerisation: Does not occur

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Portman Propachlor

SECTION 11 – TOXICOLOGICAL INFORMATION

Oral LD₅₀: 4700 mg/kg.
Dermal LD₅₀: 3160 mg/kg.

SECTION 12 – ECOLOGICAL INFORMATION

Aquatic toxicity

LC₅₀ 96 h: Rainbow trout: 0.42 mg/l
EC₅₀ 48 h: Daphnia: 13 mg/l

SECTION 13 – DISPOSAL CONSIDERATIONS

Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, State or local procedures.

Do not reuse containers.

Do not contaminate waterways, ponds or ditches.

SECTION 14 – TRANSPORT INFORMATION

- Not classified as dangerous to transport

SECTION 15 – REGULATORY INFORMATION

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SECTION 16 – OTHER INFORMATION

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