

CLAYTON

PLANT PROTECTION

CLAYTON ABBA

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE

Clayton Abba MAPP 13808

For use only as a horticultural insecticide/acaricide.

Marketing company

Clayton Plant Protection (UK) Ltd.,

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Abamectin	1.84 % w/w	CA 71751-41-2	T+, N	R 26/28, 50/53
Cyclohexanol	50-70 % w/w	CA 108-93-0	Xn	R 20/22, 37/38
Propane-1,2-diol	10-20 % w/w	CA 57-55-6	-	-

3. HAZARDS IDENTIFICATION

Human Ingestion: harmful if swallowed

Environmental Very toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment.

4. FIRST AID

Eyes: flush immediately with plenty of water for 15 minutes. Seek medical attention immediately.

Skin: remove all contaminated clothing. Wash exposed skin and hair immediately with water, then with soap and water. If the patient feels unwell, seek medical advice.

Inhalation: remove to fresh air; prevent all exertion and keep warm; seek immediate medical attention if inhalation is suspected.

If swallowed: do not induce vomiting; wash mouth with water; seek medical attention immediately and show the container label or this datasheet.

5. FIRE FIGHTING

Wear full protective clothing, goggles and respirator. Call fire brigade for all but small, immediately controllable fires. Toxic fumes may be released. Do not breathe smoke. Keep containers cool by spraying with water. Extinguish source of fire, preferably with dry inert powder, foam, carbon dioxide or water fog. Do not use a water jet. Contain fire-fighting water, bunding as necessary.

6. ACCIDENTAL RELEASE

Wear overall, face protection, rubber boots and suitable protective gloves as appropriate to the situation. Keep unprotected persons and animals away. Prevent contamination of water. Inform local water plc immediately if product enters drains. Inform Environment Agency/Scottish Environment Protection Agency if product enters surface or ground waters. Absorb spillage with sand or other inert material. Collect up all contaminated material and place in covered, labelled containers for disposal. Do not flush with water.

7. HANDLING AND STORAGE

Keep away from food, drink and animal feeding stuffs. Keep out of reach of children. Keep in original container, tightly closed, in a safe place. Store in a cool, dry place. Protect from frost.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear suitable protective clothing (coveralls, apron), suitable protective gloves, rubber boots, face protection (faceshield) and suitable respiratory protective equipment when handling the concentrate and when spraying.

When using do not eat, drink or smoke.

Wash hands and exposed skin before eating, drinking or smoking and after work.

Wash all protective clothing thoroughly after use, especially the insides of gloves.

Cyclohexanol: Long-term exposure limit (8-hour TWA ref. period) = 50 ppm or 208 mg m⁻³

Propane-1,2-diol: Long-term exposure limit (8-hour TWA ref. period) = 150 ppm or 474 mg m⁻³ (vapour and particulates) and 10 mg m⁻³ (particulates).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: liquid, emulsifiable concentrate
Colour: pale yellow
Odour: aromatic
Flash point: 69°C
Density: 0.98 g/ml at 20°C
pH: 3.2 (1 % in water)
Water solubility: miscible with water in all proportions

10. STABILITY AND REACTIVITY

Stable in packaging and in air at ordinary temperatures. Keep in original packaging. Toxic and irritant vapours may be evolved on heating.

11. TOXICOLOGY

Acute oral LD ₅₀ for rat:	891 mg/kg
Acute dermal LD ₅₀ for rat:	>2000 mg/kg
Inhalation:	> 5 mg per litre air
Eye irritancy (rabbit):	Non-irritant
Skin irritancy (rabbit):	Non-irritant
Skin sensitisation (guinea-pig):	Negative

12. ECOLOGICAL INFORMATION

LC ₅₀ (96 hour) for rainbow trout:	0.24 mg per litre/l
Daphnia LC ₅₀ (48-hour)	0.095 mg per litre
Algae EC ₅₀ (72-hour):	80 mg per litre

13. DISPOSAL

Product: dispose of via an authorised disposal contractor.

Containers: dispose of via an authorised disposal contractor. Consult also 'Pesticides: Code of Practice for the Safe Use of Pesticides on Farms and Holdings' (DEFRA/HSE).

14. ROAD AND RAIL TRANSPORT

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains abamectin).
UN 3082; Class 9; Packing group III

15. REGULATORY INFORMATION



Xn HARMFUL

contains 18 g/l abamectin with cyclohexanol

R22 Harmful if swallowed



N DANGEROUS
FOR THE
ENVIRONMENT

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S2 Keep out of the reach of children.

S13 Keep away from food, drink and animal feedingstuffs.

S35 This material and its container must be disposed of in a safe way.

S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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

This product is approved under the Plant Protection Products Regulations (as amended).

16. OTHER INFORMATION

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