

CLAYTON

PLANT PROTECTION

CLAYTON BESTOW SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE

Clayton Bestow MAPP 14996
For use only as a horticultural fungicide.

Marketing company

Clayton Plant Protection (UK) Ltd.,
Unit F10, Bracetown Business Park, Clonee, Co. Meath, Ireland.
Tel: (00 353) 1 8210127 Fax: (00 353) 818 411084

2. COMPOSITION/INFORMATION ON INGREDIENTS

Tebuconazole	18.2 % w/w	CA 107534-96-3	Xn, N	R 22, 63, 51/53
Trifloxystrobin	9.1 % w/w	CA 141517-21-7	Xi, N	R 43, 50/53
Fatty alcohol polyglycol ether	1-25 % w/w	CA 61791-13-7	Xn	R 22, 41

3. HAZARDS IDENTIFICATION

Human Possible risk of harm to the unborn child
Inhalation: irritating to respiratory system
Environmental Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

4. FIRST AID

Remove all contaminated clothing.

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

Skin: 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; keep warm and at rest. Seek immediate medical attention.

If swallowed: do not induce vomiting; seek immediate medical attention 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 on heating. 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 coverall, face protection, rubber boots and suitable protective gloves. Contain spillage, particularly to prevent contamination of water. Inform local water plc immediately if spillage enters drains. Inform Environment Agency/Scottish Environment Protection Agency if spillage enters surface or ground waters. Absorb spillage in sand. Collect 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) and suitable protective gloves when handling the concentrate.

Wash concentrate from skin or eyes immediately.

When using, do not eat, drink or smoke.

Wash hands and exposed skin before eating and drinking and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: white, liquid suspension concentrate

Odour: weak, characteristic

Flash point: >100 °C

Oxidising properties: none

Density: 1.10 g/ml at 20°C

pH (product): 6-8

Water solubility: miscible in all proportions



10. STABILITY AND REACTIVITY

Stable in packaging and in air at ordinary temperatures.

11. TOXICOLOGY

Acute oral LD₅₀ for rat: >2000 mg/kg

Acute dermal LD₅₀ for rat: >4000 mg/kg

Acute inhalation LC₅₀ (4 hour) for rat: >2.43 mg/litre air as an aerosol

Eye irritancy (rabbit): slight irritant

Skin irritancy (rabbit): not irritating

Skin sensitisation (guinea-pig): negative

12. ECOLOGICAL INFORMATION

LC₅₀ (96 hour) for rainbow trout: 0.286 mg/l

Daphnia EC₅₀ (48-hour): 0.224 mg/l

EC₅₀ (72-hour) algae: 0.99 mg/l

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 tebuconazole and trifloxystrobin).
UN 3082; Class 9; Packing Group III.

15. REGULATORY INFORMATION



Xn HARMFUL



N DANGEROUS FOR THE ENVIRONMENT

Contains 200 g/l tebuconazole and 100 g/l trifloxystrobin

R37 Irritating to respiratory system

R63 Possible risk of harm to the unborn child

R 50/53 Very toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment

Contains trifloxystrobin; may produce an allergic reaction.

S2 Keep out of the reach of children.

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

S36/37 Wear suitable protective clothing and gloves.

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

The product is approved under the Control of Pesticides Regulations 1986.

16. OTHER INFORMATION

Issued: July 2010