

CLAYTON

PLANT PROTECTION

CLAYTON CONCORDE

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE

Clayton Concorde MAPP 15665
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. HAZARDS IDENTIFICATION

Human Ingestion: may cause lung damage if swallowed
Skin: irritating
Inhalation: irritating to respiratory system. Vapours may cause drowsiness and dizziness.
Environmental Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
Physical: Flammable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Bupirimate	27.2 % w/w	CA 041483-43-6	Xi, N	R 43, 51/53
n-Butanol	c. 30 % w/w	CA 000071-36-3	Xn	R 10, 22, 37/38, 41, 67
Petroleum distillates, hydrotreated light	c. 10 % w/w	CA 064742-47-8	Xn	R 65
Ca-alkylbenzenesulfonate in n-butanol	c. 3 % w/w	-	Xi	R 10, 38, 41, 67
Solvent naphtha (petroleum) heavy aromatic	c. 20 % w/w	CA 064742-94-5	Xn	R 65

4. FIRST AID

Remove all contaminated clothing.
Eyes: flush immediately with plenty of water. Seek immediate medical attention.
Skin: wash exposed skin and hair immediately with water, then with soap and water. If the patient feels unwell, seek medical advice.
Inhalation: remove patient to fresh air; keep warm and at rest; seek medical attention.
If swallowed: do not induce vomiting; wash mouth with water; seek 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. Product and packaging will burn. Toxic fumes may be released. 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, suitable respiratory equipment, 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 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 away from all sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear suitable protective gloves and face protection (faceshield) when handling the concentrate.
Avoid contact with skin.
Wash concentrate from skin or eyes immediately.
Do not breathe spray.
When using do not eat, drink or smoke.
Wash hands and exposed skin before eating and drinking and after work.



Occupational exposure standards:

n-Butanol: short-term exposure limit (15-minute ref. period) = 15 ppm or 154 mg.m⁻³

Bupirimate: long-term exposure limit (8 hour TWA ref. period) = 10 mg m⁻³

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: clear, amber liquid

Odour: aromatic

Flammability: flammable

Flash point: 40°C

Density: 0.92 g.cm⁻³

Oxidising properties: none

pH (1% v/v in water): 7.2

Water solubility: readily disperses in water to form an emulsion

10. STABILITY AND REACTIVITY

Stable in packaging and in air at ordinary temperatures. Keep in original packaging.

11. TOXICOLOGY

Acute oral LD₅₀ for rat: >2000 mg/kg

Acute dermal LD₅₀ for rat: >2000 mg/kg

Acute inhalation LC₅₀ (4 hour) for rat >5.3 mg per litre air

Skin irritation (rabbit): Irritant

Eye irritation (rabbit): Not an irritant

Skin sensitisation (guinea-pig): Negative

12. ECOLOGICAL INFORMATION

LC₅₀ (96 hour) for rainbow trout 6.2 mg/litre

Daphnia LC₅₀ (48-hour) 11.9 mg/litre

Algae EC₅₀ (72-hour) 4.9 mg/litre

Bee LD₅₀ (contact) >100 µg per bee

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

FLAMMABLE LIQUID, N.O.S. (contains aliphatic alcohols and benzenoid hydrocarbons).

UN 1993, Class 9, Packing group III

15. REGULATORY INFORMATION



Xn HARMFUL

Contains 250 g/l bupirimate with n-butanol

R10 Flammable

R37/38 Irritating to respiratory system and skin

R65 Harmful: may cause lung damage if swallowed

R67 Vapours may cause drowsiness and dizziness



N DANGEROUS FOR
THE ENVIRONMENT

R51/53 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.

S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

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

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

16. OTHER INFORMATION

Issued: March 2012