

CLAYTON

PLANT PROTECTION

CLAYTON SOLSTICE

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE AND COMPANY

Clayton Solstice MAPP 13943

For use only as an agricultural fungicide

Marketing company

Clayton Plant Protection (UK) Ltd.,
Unit F10, Bracetown Business Park, Clonee, Co. Meath, Ireland.
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2. COMPOSITION AND INFORMATION ON INGREDIENTS

| | | | | |
|--|-------------|---------------|------|---------------------|
| Fluazinam | 40-41 % w/w | CA 79622-59-6 | T, N | R 23, 36, 43, 50/53 |
| Sodium diisopropyl naphthalene sulfonate | < 5 % w/w | CA 1322-93-6 | Xn | R 20, 22, 36/37 |
| Docusate sodium | < 3 % w/w | CA 577-11-7 | Xi | R 10, 38, 41 |

3. HAZARDS IDENTIFICATION

Human Skin: may cause sensitisation by skin contact
Eyes: irritant
Environmental Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

4. FIRST AID MEASURES

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

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

Inhalation: remove patient to fresh air. Seek medical attention if inhalation is suspected.

Ingestion: do not induce vomiting, rinse mouth with water; keep patient at rest; seek immediate medical attention and show the container label or this datasheet.

5. FIRE FIGHTING MEASURES

Wear full protective clothing, synthetic rubber gloves, goggles and respirator. Call fire brigade for all but small, immediately controllable fires. Toxic fumes may be evolved on heating. Avoid breathing smoke. Keep containers cool by spraying with water. Remove intact containers if without risk. 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 with sand or earth.

6. ACCIDENTAL RELEASE MEASURES

Wear overall, face protection, rubber boots and synthetic rubber protective gloves. Contain spillage, particularly to prevent contamination of water. Inform local water plc immediately if spillage enters drains. Inform the Environment Agency or Scottish Environment Protection Agency if spillage enters surface or ground waters. Absorb into sand, sawdust or other inert material. Collect all contaminated material and place in covered, labelled containers for disposal. Do not flush with water.

7. HANDLING AND STORAGE

Keep in original container, tightly closed, in a safe place.

Keep away from food, drink and animal feeding stuffs. Keep out of reach of children.

Store in a cool, dry place out of direct sunlight. Protect from extremes of temperature.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Wear suitable protective clothing (coveralls), suitable protective gloves and face protection (faceshield) when handling the concentrate.

Avoid contact with skin.

When using do not eat, drink or smoke.

Wash concentrate from skin or eyes immediately.

Take off immediately all contaminated clothing.

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

Wash hands and exposed skin before meals and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------|--|
| Appearance: | Yellow/light brown liquid suspension concentrate |
| Flammability: | non-flammable |
| Oxidising properties: | none |
| Density: | 1.26 g cm ⁻³ at 20°C |
| Water solubility: | miscible in all proportions |

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

| | |
|---|--------------|
| Acute oral LD ₅₀ for rat: | >2000 mg/kg |
| Acute dermal LD ₅₀ for rat: | >2000 mg/kg |
| Inhalation LC ₅₀ (4-hour) for rat: | n.a. |
| Skin irritation (rabbit): | Non-irritant |
| Eye irritation (rabbit): | Irritant |
| Skin sensitisation (guinea-pig): | Positive |

12. ECOLOGICAL INFORMATION

| | |
|---|------------|
| Fish: LC ₅₀ (96-hour) rainbow trout: | 0.132 mg/l |
| Daphnia LC ₅₀ (48-hour): | 0.088 mg/l |
| EC ₅₀ (96-hour) algae: | 130 µg/l |

13. DISPOSAL CONSIDERATIONS

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 fluazinam);
UN 3082; Class 9; Packing group III

15. REGULATORY INFORMATION



Xi IRRITANT

contains 500 g/l fluazinam
R36 Irritating to eyes
R43 May cause sensitisation by skin contact



N DANGEROUS FOR
THE ENVIRONMENT

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

S2 Keep out of the reach of children.

S24 Avoid contact with skin.

S13 Keep away from food, drink and animal feedingstuffs.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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

S37 Wear suitable gloves.

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

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

16. OTHER INFORMATION

Date of issue: March 2008