

CLAYTON

PLANT PROTECTION

CLAYTON ASTRA

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE AND COMPANY

Clayton Astra

ADJ 0724

For use only as an agricultural/horticultural/industrial/forestry wetting agent.

Marketing company

Clayton Plant Protection Ltd.,
Unit F10, Bracetown Business Park, Clonee, Co. Meath, Ireland
Tel: (00 353) 1 8210127 Fax: (00 353) 81 8411084

2. COMPOSITION AND INFORMATION ON INGREDIENTS

Alkyloxylyated fatty amine	500 g/l	Xn, N	R 22, 38, 50/53
Alkoxylyated sorbitan esters	500 g/l	-	-

3. HAZARDS IDENTIFICATION

Environmental: 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.

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

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

Ingestion: rinse mouth with water; keep patient at rest; seek medical attention and show the container label or this datasheet.

5. FIRE FIGHTING MEASURES

Wear full protective clothing, 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 coverall, rubber boots and suitable protective gloves. Keep people and animals away. 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

No special protective clothing is necessary for the handling of this product. When using, wear the highest level of personal protective equipment specified for the allied pesticide.

When using do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	clear straw-coloured liquid
Odour:	none
Flash point:	>100°C
Oxidising properties:	none
pH (10% in water):	4-8
Density:	1.05 g cm ⁻³ at 20°C
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.



11. TOXICOLOGICAL INFORMATION

Acute oral LD₅₀ for rat: >2000 mg/kg

12. ECOLOGICAL INFORMATION

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Product: dispose of via an authorised disposal contractor.

Containers: dispose of via an authorised disposal contractor.

See also 'Pesticides: Code of Practice for the Safe Use of Pesticides on Farms and Holdings' (DEFRA/HSE).

14. ROAD AND RAIL INFORMATION

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains alkoxylated tallow amines).

UN 3082, Class 9, Packing group III

15. REGULATORY INFORMATION



N DANGEROUS FOR THE ENVIRONMENT

Contains 500 g/l alkoxylated tallow amines and 500 g/l alkoxylated sorbitan esters

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S2 Keep out of the reach of children.

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

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

This product is authorised under the Control of Pesticides (Amendment) Regulations 1997.

16. OTHER INFORMATION

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