

CLAYTON

PLANT PROTECTION

CLAYTON ASPEN

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE

Clayton Aspen MAPP 16114

For use only as an agricultural herbicide.

Marketing company

Clayton Plant Protection (UK) Ltd.,
Bracetown Business Park, Clonee, Dublin 15, Ireland
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2. HAZARDS IDENTIFICATION

Human Irritating to skin.

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mesotrione	7.7 % w/w	CA 104206-82-8	N	R 50/53
Nicosulfuron	3.1 % w/w	CA 111991-09-4	N	R 50/53
Tristyrylphenol ethoxylate	10-15 % w/w	CA 99734-09-5	-	R 52/53

4. FIRST AID

Remove all contaminated clothing.

Eyes: flush immediately with plenty of water for 15 minutes. Seek 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 to fresh air and keep warm; seek immediate medical attention.

If swallowed: do not induce vomiting; rinse mouth with water if conscious; 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 as appropriate for the situation. 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 or earth. Collect all contaminated material and place in covered, labelled containers for disposal. Do not flush with water.

7. HANDLING AND STORAGE

Keep out of the reach of children.

Keep away from food, drink and animal feedingstuffs.

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

Store in a cool, dry place out of direct sunlight.

Keep away from heat. Protect from frost.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear suitable protective clothing and gloves.

Avoid contact with skin.

Do not breathe spray.

When using do not eat, drink or smoke.

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

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: off-white to beige liquid
Flash point: >110°C
Oxidising properties: none
Explosive properties: not explosive
pH: 2.5 - 5.5
Density: 0.97 g/ml 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. TOXICOLOGY

Acute oral LD ₅₀ for rat:	>2000 mg/kg.
Acute dermal LD ₅₀ for rat:	>2000 mg/kg.
Acute inhalation:	Not determined; not hazardous when handled and used as directed.
Eye irritation:	Mild irritant
Skin irritation:	Mild irritant
Skin sensitisation:	Negative

12. ECOLOGICAL INFORMATION

LC ₅₀ (96-hour) for rainbow trout:	75 mg/l
Daphnia EC ₅₀ (48-hour):	24 mg/l
Algae EC ₅₀ <i>Lemna gibba</i> :	0.082 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 mesotrione and nicosulfuron).
UN 3082, Class 9, Packing group III

15. REGULATORY INFORMATION



Xi IRRITANT

Contains 75 g/l mesotrione and 30 g/l nicosulfuron in an oil dispersion

R37/38 Irritating to respiratory system and skin



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.
- S23 Do not breathe spray.
- S24 Avoid contact with skin.
- S35 This material and its container must be disposed of in a safe way.
- S37 Wear suitable gloves.
- S46 If swallowed, seek medical advice immediately and show this container or label.
- S57 Use appropriate containment to avoid environmental contamination.
- S64 If swallowed, rinse mouth with water (only if the person is conscious).

The product is approved under the Plant Protection Products Regulations.
The Control of Substances Hazardous to Health (COSHH) Regulations may apply to the use of the product at work.

16. OTHER INFORMATION

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