

CLAYTON

PLANT PROTECTION

CLAYTON SMELTER

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE

Clayton Smelter MAPP 14937
For use only as an agricultural herbicide.

Marketing company

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

2. HAZARDS IDENTIFICATION

Human May cause sensitisation by skin contact.
Environmental Very toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

S-metolachlor	86.5 % w/w	CA 87392-12-9	Xi, N	R 43, 50/53
1-propanol, 2-methyl	1-2 % w/w	CA 78-83-1	Xi	R 10, 37/38, 41, 67
Benzenesulfonic acid, dodecyl-, calcium salt	1-5 % w/w	CA 26264-06-2	Xi	R 38, 41
Solvent naphtha (petroleum), heavy aromatic	2-12 % w/w	CA 64742-94-5	Xi, N	R 65, 66, 51/53
Poly(oxy-1,2-ethanediyl), alpha-[2,4,6-tris(1-phenylethyl) phenyl]-omega-hydroxy-	1-5 % w/w	CA 70559-25-0	-	R 52/53

4. FIRST AID

Remove all contaminated clothing.

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

If swallowed: do not induce vomiting; rinse mouth with water; 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 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. Protect from frost.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear suitable protective clothing and gloves.

Wash splashes from skin immediately.

When using do not eat, drink or smoke.

Wash hands and exposed skin before meals and after work.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: light yellow to brown liquid
Flash point: >70°C
Oxidising properties: none
pH of 1% w/v emulsion: 4-8
Density: 1.11 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 female rat:	2149 mg/kg.
Acute dermal LD ₅₀ for rat:	>2000 mg/kg.
Acute inhalation LC ₅₀ (4-hour) rat:	>5.09 mg per litre air
Eye irritation:	Non-irritant
Skin irritation:	Non-irritant
Skin sensitisation (Guinea-pig):	Positive; may cause sensitisation.

12. ECOLOGICAL INFORMATION

LC ₅₀ (96-hour) for rainbow trout:	9.9 mg/l
Daphnia EC ₅₀ (48-hour):	11.2 mg/l
Algae EC ₅₀ (72-hour):	0.02 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 S-metolachlor).
UN 3082, Class 9, Packing group III

15. REGULATORY INFORMATION



Xi IRRITANT

Contains 960 g/l S-metolachlor

R43 May cause sensitisation by skin contact



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.
S35 This material and its container must be disposed of in a safe way.
S36/37 Wear suitable protective clothing and gloves.

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