

# CLAYTON

PLANT PROTECTION

## CLAYTON SPARTA SAFETY DATA SHEET

### 1. IDENTIFICATION OF SUBSTANCE

Clayton Sparta MAPP 13457  
For use only as an agricultural/horticultural insecticide.

### Marketing company

Clayton Plant Protection Ltd.,  
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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Lambda-cyhalothrin	50 g/l	CA 91465-08-6	T+, N	R 21, 25, 26, 50/53
Solvent naphtha (petroleum) light aromatic	>500 g/l	CA 64742-95-6	Xn, N	R 10, 37, 65, 51/53
Alkylphenol ethoxylate	<100 g/l	-	Xn	R 22, 36/38, 53

### 3. HAZARDS IDENTIFICATION

Human	Ingestion:	harmful; may cause lung damage if swallowed.
	Skin:	harmful; irritant.
	Eyes:	irritant
	Inhalation:	harmful; irritant; vapours may cause drowsiness and dizziness.
Environmental	Very toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment.	
Physical:	Flammable	

### 4. FIRST AID

**Eyes:** flush immediately with plenty of water for 15 minutes. Seek medical attention immediately.  
**Skin:** remove all contaminated clothing. 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; prevent all exertion; seek medical attention if inhalation is suspected.  
**If swallowed:** do not induce vomiting; wash mouth with water; seek medical attention immediately 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. Do not breathe smoke. 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 to the situation. Remove sources of ignition. Keep unprotected persons and animals away. Prevent contamination of water. Inform local water plc immediately if product enters drains. Inform Environment Agency/Scottish Environment Protection Agency if product 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. Clean area with water; retain washings for disposal.

### 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. Protect from frost.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear suitable protective clothing (coveralls), suitable protective gloves and face protection (faceshield) when handling the concentrate.  
In case of insufficient ventilation wear suitable respiratory equipment.  
Wash concentrate from skin or eyes immediately.  
Do not breathe vapour/spray.  
When using do not eat, drink or smoke.  
Wash hands and exposed skin before eating, drinking or smoking and after work.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: liquid  
Colour: pale yellow  
Odour: aromatic  
Flash point: 38°C  
Density: 0.90 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. Toxic and irritant vapours may be evolved on heating.

## 11. TOXICOLOGY

Acute oral LD <sub>50</sub> for rat:	c. 650 mg/kg
Acute dermal LD <sub>50</sub> for rat:	>2000 mg/kg
Inhalation LC <sub>50</sub> (4-hour) female rat	1 mg per litre air
Eye irritancy (rabbit):	Irritant
Skin irritancy (rabbit):	Irritant
Skin sensitisation:	Negative

## 12. ECOLOGICAL INFORMATION

LC <sub>50</sub> (96 hour) for rainbow trout:	16 µg per litre
Daphnia LC <sub>50</sub> (48-hour):	1.8 µg per litre

## 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 Using Plant Protection Products' (DEFRA/HSE).

## 14. ROAD AND RAIL TRANSPORT

FLAMMABLE LIQUID, N.O.S. (contains solvent naphtha (petroleum), light aromatic)  
UN 1993; Class 3; Packing Group III

## 15. REGULATORY INFORMATION



HARMFUL

contains 50 g/l lambda-cyhalothrin with solvent naphtha (petroleum), light aromatic  
R10 Flammable  
R20 Harmful by inhalation  
R21/22 Harmful in contact with skin or if swallowed  
R36/37/38 Irritating to eyes, respiratory system and skin  
R65 Harmful: may cause lung damage if swallowed  
R67 Vapours may cause drowsiness and dizziness



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/vapour/spray.

S25 Avoid contact with eyes.

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

S36/37 Wear suitable protective clothing and gloves.

S38 In case of insufficient ventilation wear suitable respiratory equipment.

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

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 Plant Protection Products Regulations (as amended).

## 16. OTHER INFORMATION

Issued: April 2007; amended July 2007 for reduced risk classification; transport classification revised May 2008.