

# CLAYTON PLANT PROTECTION

**CLAYTON BUZZ** Safety Data Sheet according to Regulation (EC) No. 1907/2006 and Regulation (EU) No. 453/2010. Version 1/dsc 15/06/2015. This version replaces all previous versions.

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**1.1. Product identifier** : CLAYTON BUZZ . MAPP16928

**Pure substance/mixture** : Mixture

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Recommended use** : Herbicide

**Uses advised against** : No information available

**1.3. Details of the supplier of the safety data sheet.**

**Supplier** : Clayton Plant Protection (UK) Ltd., Bracetown Business Park, Clonee, Dublin15. Ireland.

Tel: (00 353) 1 8210127 www.cpp.ag Email: info@cpp.ag

## SECTION 2: HAZARD IDENTIFICATION

**2.1 Classification of the substance or mixture**

**Classification according to Regulation 1272/2008 [CLP]**

Acute toxicity - oral	Category 4 - (H302)
Skin sensitisation	Category 1 - (H317)
Carcinogenicity	Category 2 - (H351)
Acute aquatic toxicity	Category 1 - (H400)
Hazardous to the aquatic environment - chronic hazard	Category 1 - (H410)

Classification of the product is used on the coformulants kisted in Section 3. Full test of R-phrases see Xn;R22 – Carc. cat. 3; R40 - R43 - N; R50/53

**2.2. Label Elements**

**Labelling according to Regulation (EC) No. 1272/2008 (CLP)**

**Hazard pictograms**



**Signal word** Warning

**Hazard statements**

H302 - Harmful if swallowed

H317 - May cause an allergic skin reaction

H351 - Suspected of causing cancer

H410 - Very toxic to aquatic life with long lasting effects

**Precautionary statements**

P102 - Keep out of reach of children

P201 - Obtain special instructions before use

P270 - Do not eat, drink or smoke when using this product

P281 - Use personal protective equipment as required

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P501 - Dispose of contents/container to an approved waste

**EU Specific hazard statements** EUH401 - To avoid risks to human health and the environment, comply with the instructions for use

**Additional phrases for PPP** SP1 - Do not contaminate water with the product or its

**2.3. Other hazards** : No information available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**3.2 Mixture**

Chemical name	Weight -%	CAS No.	EC No.	Index No.	Classification according to Regulation (EC)No. 1272/2008(CLP)	Classification According to 67/548/EEC	M-Factor	REACH Registration Number
Metazachlor (ISO)	42-47	67129-08-2	266-583-0	-	Skin Sens. 1 (H317) Carc. 2 (H351) H410)	Xi; R43 Carc. Cat. 3; R40 N; R50-53	M=100	-

Full text of R-phrases: see Section 16. Full text of H- and EUH-phrases: see Section 16.

## SECTION 4: FIRST AID MEASURES

**4.1. Description of first aid measures**

**General advice** In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible. First aider : Pay attention to self protection.

**Inhalation** Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Call a physician.

**Skin contact** Wash off immediately with soap and plenty of weater while removing all contaminate cloths and shoes. Consult a physician of necessary.

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**Eye contact.** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If symptoms persist call a physician.

**Ingestion** Rinse mouth. Drink plenty of water. If symptoms persist, call a physician.

**Self-protection of the first aider** Use personal protective equipment as required.

### **4.2 Most important symptoms and effects, both acute and delayed**

**Symptoms** None known.

### **4.3. Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

## **SECTION 5: FIREFIGHTING MEASURES**

### **5.1. Extinguishing media**

**Suitable extinguishing media** : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** : No information available.

**5.2. Special hazards arising from the substance or mixture** : No specific hazard known.

**5.3. Advice for firefighters** : In the event of fire, wear self-contained breathing apparatus. In the event of fire and/or explosion do not breathe fumes.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions** : Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

**For emergency responders** : Use personal protection recommended in Section 8.

**6.2. Environmental precautions** : Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system.

### **6.3. Methods and material for containment and cleaning up**

**Methods for cleaning up** : Take up mechanically, placing in appropriate containers for disposal.

### **6.4. Reference to other sections**

**Other information** : See also Sections 8 and 13.

## **SECTION 7: HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

**Advice on safe handling** : Avoid contact with skin, eyes or clothing. Wash contaminated clothing when using this product. Use personal protective equipment as required. Do not breathe dust/fumes/gas/mist/vapours

**General hygiene considerations** : When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

**7.2. Conditions for safe storage including any incompatibilities** : Keep container tightly closed in a dry and well ventilated place. Keep out of reach of children

### **7.3. Specific end use(s)**

**Risk Management Methods (RMM)** : The information required is contained in this Safety Data Sheet.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1. Control parameters**

**Derived No Effect Level (DNEL)** No information available.

**Predicted No Effect Concentration (PNEC)** No information available.

### **8.2. Exposure controls**

**Engineering controls** Ensure adequate ventilation, especially in confined areas.

#### **Personal protective equipment**

**Eye/face protection** Tight sealing safety goggles.

**Body protection** Suitable protective clothing.

**General hygiene considerations.** When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

**Environment exposure controls.** Do not allow into any sewer, on the ground or into any body of water.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1. Information on basic physical and chemical properties**

**Property** : Values : **Method** : Remarks

**Appearance**

**Physical state** : Liquid

**Colour** : White

**Odour** : Faint characteristic

**Odour threshold** : No data available

**pH** : 6.7 - 7.7 CIPAC MT 75.3 Solution

**Melting point/freezing point °C** : No data available

**Boiling point/boiling range °C** : No data available

**Flash point °C** : > 100 : CIPAC MT 12

**Evaporation rate** : Not applicable

**Flammability (solid, gas)** : Not applicable for liquids



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**Upper/lower flammability or explosive limits** : No data available  
**Vapour pressure** : Not applicable  
**Vapour density** : No data available  
**Relative density** : 1.13  
**Solubility(ies)** : ---- Not applicable  
**Partition coefficient (n-octanol/water) Log Pow** : see section 12 for more information  
**Autoignition temperature °C** : > 600 EECA.15  
**Decomposition temperature °C** : No data available  
**Kinematic viscosity mm<sup>2</sup>/s 40 °C** : 755 : CIPAC MT 192  
**Explosive properties** : Not an explosive  
**Oxidising properties** : Not oxidising

## 9.2. Other information

**Bulk density g/ml** : ---- Not applicable  
**Surface tension mN/m** : 25°C; 1%

## SECTION 10: STABILITY AND REACTIVITY

**10.1. Reactivity** : Not available.

**10.2. Chemical stability** : Stable under normal conditions.

**10.3. Possibility of hazardous reactions** : None under normal processing

**10.4. Conditions to avoid** : Heat, flames and sparks

**10.5. Incompatible materials** : No information available

**10.6 Hazardous decomposition products**: Chemical Name: Metazachlor; Carbon oxides, Nitrogen oxides (NOx).

## SECTION 11: TOXICOLOGY INFORMATION

### 11.1. Information on toxicological effects

#### Acute toxicity

	Values	Species	Method	Remarks
<b>Oral LD50 mg/kg</b> :	1234	Rat	OECD 401	
<b>Dermal LD50 mg/kg</b> :	> 4000	Rat	OECD 402	
<b>Inhalation LC50 mg/l/4h</b> :	> 3.99	Rat	OECD 403	maximum attainable concentration
<b>Skin corrosion/irritation</b> :	Non-irritating to the skin	Rabbit	OECD	
<b>Serious eye damage/eye irritation</b> :	Not irritating to eyes	Rabbit	OECD	
<b>Respiratory/skin sensitisation</b> :	Skin sensitiser	Guinea pig	OECD	

#### Chronic toxicity

#### Germ cell mutagenicity

##### Chemical name

Metazachlor (ISO) : Not classified

##### Carcinogenicity

##### Chemical name

Metazachlor (ISO) : Suspected of causing cancer

##### Reproductive toxicity

##### Chemical name

Metazachlor (ISO) : Not toxic for the reproductive

##### STOT - single exposure

##### Chemical name

Metazachlor (ISO) : No data available

##### STOT - repeated exposure

##### Chemical name

Metazachlor (ISO) : No

##### Aspiration hazard

##### Chemical name

Metazachlor (ISO) : No data available

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### Acute toxicity

	Values	Species	Method	Remarks
<b>Aquatic toxicity</b>				
<b>Fish 96-hour LC50</b>	7.34	Rainbow trout	OECD 203	
<b>Crustacea 48hr EC50 mg/L</b>	67.8	Daphnia magna	OECD 202	
<b>Algae 72-hour EC50 mg/L</b>	0.0437	D. Subspicatus	OECD 201	Biomass
<b>Other plants</b>	0.0203	Lemna gibba	OECD 221	7 days

#### Terrestrial toxicity

##### Birds oral LD50 mg/L

Chemical name Metazachlor (ISO) 2000

##### Bees oral LD50 mcg/bee

Chemical name Metazachlor : > 72 Eppo 170



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### **12.2. Persistence and degradability**

<b>Abiotic degradation</b>	<b>Values</b>	<b>Method</b>	<b>Remarks</b>
<b>Water DT50 days</b>			
<b>Chemical name</b>			
Metazachlor (ISO) :	137.6	BBA IV 4-1	pH 5.5-7.1
<b>Soil DT50 days</b>			
<b>Chemical name</b>			
Metazachlor (ISO) :	10.8	BBA IV: 5-1	pH 5.7-7.2

### **Biodegradation**

#### **Chemical name**

Metazachlor (ISO) : Not readily biodegradable

### **12.3. Bioaccumulative potential**

<b>Partition coefficient (n-octanol/water) Log Pow</b>	<b>Values</b>	<b>Method</b>	<b>Remarks</b>
<b>Chemical name</b>			
Metazachlor (ISO) :	2.5		pH 7, 22°C
<b>Bioconcentration factor (BCF)</b>			
<b>Chemical name</b>			
Metazachlor (ISO) :			Low

### **12.4. Mobility in soil**

<b>Adsorption/desorption</b>	<b>Values</b>	<b>Method</b>	<b>Remarks</b>
<b>Chemical name</b>			
Metazachlor (ISO) :	110	OECD 106	Koc

### **12.5. Results of PBT and vPvB assessment**

The components in this formulation do not meet the classification

**12.6. Other adverse effects** : No information available.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **13.1. Waste treatment methods**

**Waste from residues/unused** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Improper disposal or reuse illegal.

**Other information** Waste codes should be assigned by the user based on the application for which the product was used.

## **SECTION 14: TRANSPORTATION INFORMATION**

### **IMDG/IMO**

**14.1 UN/ID No.** 3082

**14.2 Proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(metazachlor)

**14.3 Hazard Class** 9

**14.4 Packing Group** III

**14.5 Marine Pollutant** Yes

**14.6 Special Precautions for user**

### **RID/ADR**

**14.1 UN/ID** 3082

**14.2 Proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(metazachlor)

**14.3 Hazard class** 9

**14.4 Packing group** III

**14.5 Environmental hazard** Yes

**14.6 Special precautions for user**

### **ICAO/IATA**

**14.1 UN/ID No.** 3082

**14.2 Proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(metazachlor)

**14.3 Hazard class** 9

**14.4 Packing group** III

**14.5 Environmental hazard** Yes

**14.6 Special precautions for user**

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not Applicable



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### **SECTION 15: REGULATORY INFORMATION**

#### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

#### **15.2. Chemical safety assessment Chemical Safety Report**

A chemical safety assessment according to regulation (EC) No 1907/2006 is not required. A risk assessment was performed according to directive (EC) No. 91/414 or according to regulation (EC) No 1107/2009.

### **SECTION 16: OTHER INFORMATION**

#### **Full text of R-phrases referred to under Sections 2 and 3**

R22 - Harmful if swallowed

R40 - Limited evidence of a carcinogenic

R43 - May cause sensitisation by skin contact

R50/53 - Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment

#### **Full text of H-Statements**

H302 - Harmful if swallowed

H317 - May cause an allergic reaction

H351 - Suspected of causing cancer

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.