

**SAFETY DATA SHEET**  
according to Regulation (EU) 2015/830

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**Clearwinner D-Bug**

Revision 14

Revision date 2018-05-02

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

<b>Product name</b>	Clearwinner D-Bug
<b>Product code</b>	QAFS663

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

<b>Product Use</b>	[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); ----- [SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; ----- [SU21] Consumer uses: Private households (= general public = consumers);
<b>Description</b>	No data is available on this product.

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


<b>Company</b>	Clearwinner Innovation Ltd
<b>Address</b>	Unit 2 Hastings Court Collingham Wetherby West Yorks LS22 5AW
<b>Telephone</b>	07595221498
<b>Email</b>	sales@clear-winner.co.uk
<b>Email address of the competent person</b>	sales@clear-winner.co.uk

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

<b>2.1.2. Classification - EC 1272/2008</b>	Acute Tox. 4: H302; Skin Corr. 1B: H314; Skin Sens. 1: H317; Acute Tox. 4: H332; Aquatic Chronic 2: H411;
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**2.2. Label elements**

<b>Hazard pictograms</b>	
<b>Signal Word</b>	Danger
<b>Hazard Statement</b>	Acute Tox. 4: H302 - Harmful if swallowed. Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Skin Sens. 1: H317 - May cause an allergic skin reaction. Acute Tox. 4: H332 - Harmful if inhaled. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.

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## 2.2. Label elements

Precautionary Statement: Prevention	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P301+P310+P331 - IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to an approved disposal site, in accordance with local regulations.

## 2.3. Other hazards

Other hazards	PBT not identified as a PBT substance.
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## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
5-Chloro-2-methyl-4-isothiazolin-3-one		26172-55-4	247-500-7		1 - 10%	Acute Tox. 3: H301; Acute Tox. 3: H311; Skin Corr. 1B: H314; Skin Sens. 1: H317; Acute Tox. 3: H331; Aquatic Chronic 1: H410;
2-methyl-4-isothiazolin-3-one		2682-20-4	220-239-6		1 - 10%	Acute Tox. 3: H301+H311+H331; Skin Corr. 1B: H314; Skin Sens. 1: H317; Aquatic Acute 1: H400;

## Further information

Product Shelf Life	RECOMMENDED SHELF LIFE 1 YEAR FROM DATE OF DELIVERY.
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## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Contact lenses should be removed.
Skin contact	Remove contaminated clothing. Wash off immediately with plenty of soap and water.
Ingestion	DO NOT INDUCE VOMITING. Rinse mouth thoroughly. Drink plenty of water to dilute ingested product.

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

Inhalation	Harmful by inhalation.
Eye contact	Causes burns. Risk of serious damage to eyes.
Skin contact	Causes burns.
Ingestion	Harmful if swallowed.

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

Inhalation	Move the exposed person to fresh air. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Seek medical attention. Show this safety data sheet to the doctor in attendance.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Contact lenses should be removed. Seek medical attention. Show this safety data sheet to the doctor in attendance.

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

Skin contact	Remove contaminated clothing immediately. Rinse immediately with plenty of water. Seek medical attention. Show this safety data sheet to the doctor in attendance.
Ingestion	Drink 1 to 2 glasses of water. Seek medical attention. Show this safety data sheet to the doctor in attendance.

**General information**

	If you feel unwell, seek medical advice (show the label where possible). Treat symptomatically.
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**SECTION 5: Firefighting measures****5.1. Extinguishing media**

	This product is not flammable . Use fire-extinguishing media appropriate for surrounding materials.
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**5.2. Special hazards arising from the substance or mixture**

	Burning produces irritating, toxic and obnoxious fumes.
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**5.3. Advice for firefighters**

	Wear suitable respiratory equipment when necessary.
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**Further information**

	In the event of a fire and/or explosion do not breath fumes. Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

	Wear suitable protective equipment.
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**6.2. Environmental precautions**

	Advise local authorities if large spills cannot be contained.
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**6.3. Methods and material for containment and cleaning up**

	For large spills:. Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. For small spills:. Flush down the drain with plenty of water.
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**6.4. Reference to other sections**

	See section 2, 7, 8, 13 for further information.
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**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

	Avoid contact with eyes and skin. Do not breathe vapours or spray mist. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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**7.2. Conditions for safe storage, including any incompatibilities**

	Store in a cool, dry area. Keep container tightly closed. Keep out of the reach of children. Store in original container.
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**7.3. Specific end use(s)**

	No data is available on this product.
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**Suitable packaging**

	Plastic containers.
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**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

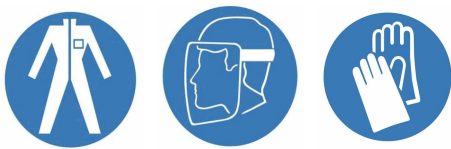
	Occupational exposure controls.
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## 8.2. Exposure controls

	
	Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice. Use appropriate personal protective equipment. Wear suitable protective clothing and eye/face protection.
8.2.1. Appropriate engineering controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value. Ensure eyewash stations and safety showers are close to the workstation location.
Eye / face protection	Wear eye/face protection.
Skin protection - Handprotection	Rubber gloves.
Respiratory protection	No personal respiratory protective equipment normally required. In case of insufficient ventilation wear suitable respiratory equipment.
8.2.3. Environmental exposure controls	Prevent further leakage or spillage if safe to do so.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Clear
Odour	Slight
Odour threshold	No data available
pH	3 - 5
Melting point	0 °C
Initial boiling point	100 °C
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	1.03 - 1.06 (H <sub>2</sub> O = 1 @ 20 °C)
Partition coefficient (n-octanol/water)	0.41 log P oct/wat
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	5 centipoise
Explosive properties	No data available
Oxidising properties	No data available
Solubility	Soluble in water

## 9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	No data available

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**SECTION 10: Stability and reactivity****10.1. Reactivity**

Stable under normal conditions. No specific reactivity hazards associated with this product.

**10.2. Chemical stability**

Stable under normal conditions. No particular stability concerns.

**10.3. Possibility of hazardous reactions**

Strong acids. Strong oxidising agents.

**10.4. Conditions to avoid**

Protect from frost.

**10.5. Incompatible materials**

No incompatible groups noted.

**10.6. Hazardous decomposition products**

No Hazardous decomposition products when stored and handled correctly. Burning produces irritating, toxic and obnoxious fumes.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

Acute toxicity	Acute Tox. 4: H302 - Harmful if swallowed. Acute Tox. 4: H332 - Harmful if inhaled.
Skin corrosion/irritation	Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
Serious eye damage/irritation	Causes serious eye damage.
Respiratory or skin sensitisation	Skin Sens. 1: H317 - May cause an allergic skin reaction.
Germ cell mutagenicity	based on available data the classification criteria are not met.
Carcinogenicity	based on available data the classification criteria are not met.
Reproductive toxicity	based on available data the classification criteria are not met.
STOT-single exposure	based on available data the classification criteria are not met.
STOT-repeated exposure	based on available data the classification criteria are not met.
Aspiration hazard	based on available data the classification criteria are not met.

**11.1.2. Mixtures**

No data available.

**11.1.3. Hazard Information**

No data available.

**11.1.4. Toxicological Information**

No data available

**SECTION 12: Ecological information****12.1. Toxicity**

No data available

**12.2. Persistence and degradability**

Substance biodegrades at a moderate rate and inherently biodegradable according to the OECD guide lines.

**12.3. Bioaccumulative potential**

No data is available on this product.

**Partition coefficient**

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## Partition coefficient

Clearwinner D-Bug No data available

## 12.4. Mobility in soil

No data is available on this product.

## 12.5. Results of PBT and vPvB assessment

No data is available on this product.

## 12.6. Other adverse effects

No data available.

## SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

## General information

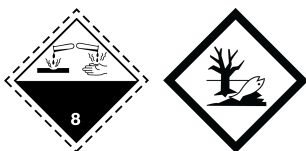
Dispose of in compliance with all local and national requirements.

## Disposal of packaging

Do NOT reuse empty containers. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.

## SECTION 14: Transport information

## Hazard pictograms



## 14.1. UN number

UN3265

## 14.2. UN proper shipping name

CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Mixture containing: (Mixture 3:1 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE, 2-METHYL-4-ISOTHIAZOLIN-3-ONE))

## 14.3. Transport hazard class(es)

ADR/RID	8
Subsidiary risk	-
IMDG	8
Subsidiary risk	-
IATA	8
Subsidiary risk	-

## 14.4. Packing group

Packing group III

## 14.5. Environmental hazards

Environmental hazards	Yes
Marine pollutant	Yes

## 14.6. Special precautions for user

No additional special precautions.

## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

## ADR/RID

Hazard ID	80
Tunnel Category	(E)

## IMDG

EmS Code	F-A S-B
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## IATA

Packing Instruction (Cargo)	856
Maximum quantity	60 L
Packing Instruction (Passenger)	852
Maximum quantity	5 L

## SECTION 15: Regulatory information

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

Regulations	<p>REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p> <p>COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p>
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## 15.2. Chemical safety assessment

No information available.

## SECTION 16: Other information

## Other information

Revision	<p>This document differs from the previous version in the following areas:.</p> <ul style="list-style-type: none"> <li>1 - Product Use.</li> <li>2 - Precautionary Statement: Prevention.</li> <li>2 - Precautionary Statement: Response.</li> <li>2 - Precautionary Statement: Storage.</li> <li>2 - Precautionary Statement: Disposal.</li> <li>4 - Inhalation.</li> <li>4 - Ingestion.</li> <li>8 - Eye / face protection.</li> <li>11 - Acute toxicity.</li> <li>11 - Skin corrosion/irritation.</li> <li>11 - Respiratory or skin sensitisation.</li> <li>11 - Serious eye damage/irritation.</li> <li>16 - Data sources.</li> </ul>
Data sources	<p>Classification and Procedure used to derive the classification for mixtures according to Regulation (EC) No. 1272/2008:.</p> <p>Acute Tox. 4: H302 - Harmful if swallowed. - Calculation Method.</p> <p>Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. - Calculation Method.</p> <p>Skin Sens. 1: H317 - May cause an allergic skin reaction. - Calculation Method.</p>

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## Other information

<b>Text of Hazard Statements in Section 3</b>	Acute Tox. 4: H332 - Harmful if inhaled. - Calculation Method.
	Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. - Calculation Method.
	Acute Tox. 3: H301+H311+H331 - Toxic if swallowed, in contact with skin or if inhaled
	Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
	Skin Sens. 1: H317 - May cause an allergic skin reaction.
Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.	
Aquatic Acute 1: H400 - Very toxic to aquatic life.	

## Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This 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 other process.
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