

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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BROAD RANGE TEST KIT.

Revision 3

Revision date 2016-11-09

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

1.1. Product identifier

Product name	BROAD RANGE TEST KIT.
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1.2. Relevant identified uses of the substance or mixture and uses advised against

Description	To be used as an ornamental fish treatment only. Not to be used with animals intended for human consumption.
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1.3. Details of the supplier of the safety data sheet

Company	Waterlife Research Industries Ltd
Address	Bath Road Longford Middlesex UB7 0ED United Kingdom
Web	www.waterlife.co.uk
Telephone	00 44 (0)1753 685696
Fax	00 44 (0)1753 685437
Email address of the competent person	info@waterlife.co.uk

1.4. Emergency telephone number

Emergency telephone number	00 44 (0)1753 685696
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Main hazards	No Significant Hazard
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2.2. Label elements

Risk phrases	No Significant Hazard
SUPPLEMENTAL HAZARD INFORMATION	percent of the mixture consists of component(s) of unknown toxicity.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Ethanol	603-002-00-5	64-17-5	200-578-6		50 - 60%	F; R11	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Ethanol	603-002-00-5	64-17-5	200-578-6		50 - 60%	Flam. Liq. 2: H225;	

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SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	If you feel unwell, seek medical advice (show the label where possible).
Eye contact	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Avoid contact with eyes.
Skin contact	After contact with skin, wash immediately with plenty of soap and water. Avoid contact with skin. If you feel unwell, seek medical advice (show the label where possible).
Ingestion	If swallowed, rinse mouth with water (only if the person is conscious). Seek medical attention.

General information

	No data available.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.2. Special hazards arising from the substance or mixture

	Toxic fumes may be formed in fire conditions.
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5.3. Advice for firefighters

	Self-contained breathing apparatus.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Approved safety goggles. Avoid contact with eyes and skin. Wear suitable protective clothing and gloves.
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6.2. Environmental precautions

	Do not empty into drains; dispose of this material and its container in a safe way. Prevent further spillage if safe.
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6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Clean spillage area thoroughly with plenty of water. Empty containers can be sent for disposal or recycling.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.
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7.2. Conditions for safe storage, including any incompatibilities

	Do NOT allow to freeze. Keep away from food, drink and animal feedingstuffs. Keep container tightly closed. Keep in a cool, dry, well ventilated area.
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7.3. Specific end use(s)

	Apart from uses mentioned in section 1.2 no other specific uses are stipulated.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

	No data available.
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8.1.1. Exposure Limit Values

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8.1.1. Exposure Limit Values

Ethanol	WEL 8-hr limit ppm:	1000	WEL 8-hr limit mg/m3:	1920
	WEL 15 min limit ppm:	-	WEL 15 min limit mg/m3:	-
	WEL 8-hr limit mg/m3 total	-	WEL 15 min limit mg/m3 total	-
	inhalable dust:	-	inhalable dust:	-
	WEL 8-hr limit mg/m3 total	-	WEL 15 min limit mg/m3 total	-
	respirable dust:	-	respirable dust:	-

DNEL: Derived no-effect level.

	No data available.
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Exposure Pattern - Workers

	No data available.
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Exposure Pattern - General population

	No data available.
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8.2. Exposure controls

8.2.2. Individual protection measures	Ensure adequate ventilation of the working area.	
	Wear suitable gloves and eye/face protection. Wear suitable protective equipment.	
	Eye / face protection	Eye protection. Eye wash bottle with water.
	Skin protection - Handprotection	Wear suitable gloves. Wash hands after handling the product.
Skin protection - Other	Wear suitable protective clothing.	
8.2.3. Environmental exposure controls	Do not empty into drains; dispose of this material and its container in a safe way.	

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Brown
Odour	Characteristic
Odour threshold	No data available
pH	No data available
Melting point	No data available
Freezing Point	No data available
Initial boiling point	No data available
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	No data available
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available
Solubility	Soluble in water

9.2. Other information

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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

SECTION 10: Stability and reactivity

10.1. Reactivity

	Stable under normal conditions.
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10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	Burning produces irritating, toxic and obnoxious fumes.
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10.4. Conditions to avoid

	Direct sunlight. Do NOT allow to freeze. Heat.
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10.5. Incompatible materials

	Strong acids. Strong bases. Strong oxidising agents.
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10.6. Hazardous decomposition products

	Burning produces irritating, toxic and obnoxious fumes.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

	<p>Skin Contact: There may be irritation and redness at site of contact.</p> <p>Eye Contact: There may be irritation and redness. Eyes may water profusely.</p> <p>Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.</p>
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11.1.4. Toxicological Information

Ethanol	<p>Oral Rat LD50: 10470mg/kg</p> <p>Inhalation Rat LC50/4 h: 30000mg/l</p>	Dermal Rabbit LD50: 15800mg/kg
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SECTION 12: Ecological information

12.1. Toxicity

Ethanol	<p>Algae EC50/72h: 275mg/l</p> <p>Fathead minnows LC50/96h: 142000mg/l</p>	Daphnia LC50/48h: 5012mg/l
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12.2. Persistence and degradability

	No data available.
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12.3. Bioaccumulative potential

	No data available.
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Partition coefficient

	BROAD RANGE TEST KIT. No data available	Ethanol -0.349
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12.4. Mobility in soil

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12.4. Mobility in soil

Miscible in water.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

Further information

Do not allow product to enter drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in compliance with all regional and national regulations regarding disposal.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

UN1170

14.2. UN proper shipping name

ETHANOL SOLUTION

14.3. Transport hazard class(es)

ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

14.4. Packing group

Packing group II

14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

ADR/RID

Hazard ID	33
Tunnel Category	(D/E)

IMDG

EmS Code F-E S-D

IATA

Packing Instruction (Cargo)	364
Maximum quantity	60 L
Packing Instruction (Passenger)	353

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IATA	
Maximum quantity	5 L
SECTION 15: Regulatory information	
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	
	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.
15.2. Chemical safety assessment	
	No data available.
SECTION 16: Other information	
Other information	
Revision	This document differs from the previous version in the following areas: 14 - ADR/RID. 14 - IMDG. 14 - IATA.
Text of risk phrases in Section 3	R11 - Highly flammable.
Text of Hazard Statements in Section 3	Flam. Liq. 2: H225 - Highly flammable liquid and vapour.