



# SAFETY DATA SHEET

## HYDROAID PLUS

SDS COMPLETED 8<sup>TH</sup> JUNE 2015

VERSION 01  
REVISION NUMBER: N/A

### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product name:** Symbio HydroAid Plus

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

**Use of substance / mixture:** Golf Course Wetting Agent

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

**Company name:**

Eco Solutions (C&R) Ltd T/a Symbio  
Unit 8  
Coopers Place  
Combe Lane  
Wormley  
Surrey  
GU8 5SZ

**Tel:** +44 (0) 1428 685762

**Fax:** +44 (0)1428 685702

**Email:** [info@symbio.co.uk](mailto:info@symbio.co.uk)

#### 1.4. Emergency telephone number

**Emergency tel:** +44 (0) 1428 685762

### 2. Hazards identification

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

**Classification under CLP:** Acute Tox. 4: H302; Eye Dam. 1: H318

**Most important adverse effects:** Harmful if swallowed. Causes serious eye damage.

#### 2.2. Label elements

**Label elements:**

**Hazard statements:** H302: Harmful if swallowed.  
H318: Causes serious eye damage.

**Signal words:** Danger

**Hazard pictograms:** GHS05: Corrosion  
GHS07: Exclamation mark



**Precautionary statements:** P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+312: IF SWALLOWED: Call a POISON CENTER/doctor/ if you feel unwell.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER/doctor/.

P330: Rinse mouth.



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### 2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

## 3. Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

FATTY ALCOHOL ETHOXYLATE C9-C11

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	-	-	Acute Tox. 4: H302; Eye Dam. 1: H318	30-50%

PROPAN-2-OL

200-661-7	67-63-0	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	1-10%
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## 4. First aid measures

### 4.1. Description of first aid measures

#### Skin contact:

Wash immediately with plenty of soap and water.

#### Eye contact:

Bathe the eye with running water for 15 minutes.

#### Ingestion:

Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

#### Inhalation:

Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

#### Skin contact:

There may be mild irritation at the site of contact.

#### Eye contact:

There may be irritation and redness.

#### Ingestion:

There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

#### Inhalation:

Absorption through the lungs can occur causing symptoms similar to those of ingestion.

#### Delayed / immediate effects:

Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Not applicable.

## 5. Fire-fighting measures



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### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## 6. Accidental release measures

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

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

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## 7. Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid the formation or spread of mists in the air. Avoid direct contact with the substance.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## 8. Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

**PROPAN-2-OL**

**Workplace exposure limits:**

State	8 hour TWA	15 min. STEL
UK	999 mg/m <sup>3</sup>	1250 mg/m <sup>3</sup>

**Respirable dust**

8 hour TWA	15 min. STEL
-	-

**DNEL/PNEC Values**

**DNEL / PNEC** No data available.



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### 8.2. Exposure controls

**Respiratory protection:** Respiratory protection not required.  
**Hand protection:** Protective gloves.  
**Eye protection:** Safety glasses. Ensure eye bath is to hand.  
**Skin protection:** Protective clothing.

## 9. Physical and chemical properties

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

**State:** Liquid  
**Colour:** Blue  
**Odour:** Characteristic odour  
**Viscosity:** Non-viscous  
**Relative density:** 1.000  
**pH:** Approx. 7

### 9.2. Other information

**Other information:** No data available.

## 10. Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

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

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes.



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### 11. Toxicological information

#### 11.1. Information on toxicological effects

Hazardous ingredients:

PROPAN-2-OL

IVN	RAT	LD50	1088	mg/kg
ORL	MUS	LD50	3600	mg/kg
ORL	RAT	LD50	5045	mg/kg
SCU	MUS	LDLO	6	gm/kg

Relevant hazards for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	ING	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

#### 11.2 Symptoms / routes of exposure

- Skin contact:** There may be mild irritation at the site of contact.
- Eye contact:** There may be irritation and redness.
- Ingestion:** There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.
- Inhalation:** Absorption through the lungs can occur causing symptoms similar to those of ingestion.
- Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

### 12. Ecological information

#### 12.1. Toxicity

**Ecotoxicity values:** No data available.

#### 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No bioaccumulation potential.

#### 12.4. Mobility in soil

**Mobility:** Readily absorbed into soil.

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

**PBT identification:** This product is not identified as a PBT/vPvB substance.

#### 12.6. Other adverse effects

**Other adverse effects:** Negligible ecotoxicity.



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### 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

### 14. Transport information

**Transport class:** This product does not require a classification for transport.

### 15: Regulatory information

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

#### 15.2. Chemical Safety Assessment

### 16: Other information

#### Other information

**Phrases used in s.2 and s.3:** H225: Highly flammable liquid and vapour.  
H302: Harmful if swallowed.  
H318: Causes serious eye damage.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.

#### Disclaimer

The information in this SDS was obtained from sources which we believe to be reliable. Symbio provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate handling of the product by properly trained and qualified personnel. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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