

SAFETY DATA SHEET

HYDROAID PLUS

SDS COMPLETED 08 DEC 2020

VERSION 02

REVISION NUMBER: 01

Section 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:

Origin Amenity Solutions Ltd
1-3 Freeman Court,
Jarman Way,
Orchard Road,
Royston,
Hertfordshire,
SG8 5HW

Tel: 0800 138 7222

Email: sales.symbio@originamenity.com

1.4. Emergency telephone number

Emergency phone No. 0800 138 7222 (09.00 – 17.00 GMT Monday – Friday)

National emergency telephone number 111

Section 2. Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP regulation 1272/2008: Acute Tox. 4: H302; Eye Dam. 1: H318

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

2.2. Label elements

DANGER

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



Precautionary statements:

P264: Wash hands thoroughly after handling.

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

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.

P501: Dispose of contents/container to ...

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2.3. Other hazards

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

Section 3. Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

FATTY ALCOHOL ETHOXYLATE C9-C11

| EC | CAS | CLP Classification | Percent |
|-----------|------------|--------------------------------------|---------|
| 614-482-0 | 68439-46-3 | 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% |
|-----------|---------|--|-------|

Section 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. Obtain medical treatment.

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. Obtain medical treatment.

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.

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Section 5. Fire-fighting measures

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.

Section 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.

Section 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.

Section 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/m3 | 1250 mg/m3 |

Respirable dust

| | |
|------------|--------------|
| 8 hour TWA | 15 min. STEL |
|------------|--------------|

| | |
|---|---|
| - | - |
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DNEL/PNEC Values

DNEL / PNEC

No data available.

8.2. Exposure controls

Respiratory protection: Respiratory protection not required. Do not inhale fumes/vapours.

Hand protection: Nitrile gloves PPE Cat. III according to (EU) regulation, 2016/425, thickness 0.15-0.12 mm, breakthrough time, 8 hours. Please also consider your own risk assessment; e.g. tasks undertaken

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 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.

Section 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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Section 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.

Section 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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Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company. Please adhere to regional or national regulations regarding disposal.

Section 14. Transport information

| | | |
|---|-------------------------|---|
| 14.1 UN number (ADR, IMDG, IATA) | UN 1760 | |
| 14.2 Proper shipping name (ADR, IMDG, IATA) | CORROSIVE LIQUID N.O.S. | |
| 14.3 Transport class(es) (ADR, IMDG, IATA) | 8 |  |
| 14.4 Packing group (ADR, IMDG, IATA) | III | |
| 14.5 Environmental hazards (ADR, IMDG, IATA) | Not classified | |
| 14.6 Special procedures (ADR, IMDG, IATA) | None | |
| 14.7 Transport in bulk (ADR, IMDG, IATA) | Not applicable | |

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Section 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.



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Disclaimer

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