

Safety Data Sheet
according 1907/2006/EC (REACH), 2015/830/EU

Pro Organic Bloom

Date : 01/09/2013

Version No. 3

Review date: 25/06/19

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

Product identifier

1.1 A. Product name: **PRO ORGANIC BLOOM**

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

Relevant identified uses of the substance or mixture:

Pro Organic Bloom is an organic fertilizer that complies with the EC regulation on organic farming No. 834/2007.

Uses advised against:

Any use not specified in this section or in section 7.3

Use Descriptor System (REACH): No data available (not applicable).

1.3 Details of the supplier of the safety data sheet

| | |
|-------------------------|-----------------------------------|
| Supplier identification | Terra Aquatica Sarl (GHE) |
| Address | Route de Lecture, 32500 Fleurance |
| Phone number | +33 (0)5 62 06 08 30 |
| E-mail address | info@eurohydro.com |

1.4 Emergency telephone number

| | |
|---|-----------------------|
| Medical services/ emergency services | 15 |
| Fire and rescue services | 18 |
| Police | 17 |
| EU Emergency call line | 112 |
| Toxicological Information Centre ORFILA (INRS) | 01 45 41 59 59 |
| Toxicological Information Centre South West | 05 61 77 74 47 |

2 SECTION 2 : HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Reg. 1272/2008/CLP In accordance with Regulation No. 1272/2008 (CLP), the product is not considered dangerous.

Additional information :

| | |
|--------------------------|------|
| Hazards for humans | None |
| Environmental hazards | None |
| Physico-chemical hazards | None |
| Other hazards | None |

Labelling elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

| | | |
|------------|---|---|
| 2.2 | Hazard pictograms | None |
| | Signal word | None |
| | Hazardous substances to be indicated on the label | None |
| | Hazard statements H: | None |
| | Precautionary statements P: | Phrases P P102 Keep out of reach of children |
| 2.3 | Other hazards | |
| | Reg. 1272/2008/CLP | None |

3 SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances Non applicable

3.2 Mixtures Name Pro Organic Bloom
Pro Organic Bloom does not contain any toxic chemicals.
Pro Organic Bloom is a mixture based on raw materials of organic origin authorised by the EC standard on organic farming No. 834/2007.

4 SECTION 4 : FIRST AID MEASURES

No known incidents of damage to persons who have used this product.

However, in case of doubt or if symptoms persist, seek medical attention. Do not give anything by mouth to an unconscious person. The general measures described below should be adopted:

4.1 Description of first aid measures

Following eye contact Do not allow the victim to rub their eyes or keep their eyes closed. Immediately flush eyes, including under the eyelids, with plenty of clean, clear water for at least 15 minutes.

Check if the victim is wearing contact lenses and if so, remove them. Consult a doctor immediately.

Following skin contact Rinse the irritated area thoroughly with water for at least 15 minutes. Remove contaminated clothing.

If the skin is red or puffy, if irritation persists, consult a doctor.

Following ingestion Do not induce vomiting. Rinse the mouth with water. If a person has swallowed this product and is conscious, give small amounts of water to drink. Call a doctor if adverse health effects persist or worsen.

Following inhalation If inhaled, move to fresh air. In case of breathing difficulties, consult a doctor as soon as possible.

| | | |
|-----|---|--|
| | Self-protection of the first aider | No action should be taken that involves an individual risk or in the absence of appropriate training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It can be dangerous for the person assisting a victim to practice mouth-to-mouth. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. |
| | Other information | For further details of first aid administration, including but not limited to more serious health effects, the doctor may consult the Toxicological Information Centre, hotline: see section 1.4 |
| 4.2 | Most important symptoms and effects, both acute and delayed | Potential acute health effects: No known effect / no data are available. Signs/symptoms of overexposure: No specific data. |
| 4.3 | Indication of any immediate medical attention and special treatment needed | Note to the attending physician Symptomatic treatment required. No special treatment. If decomposition products are inhaled in a fire, symptoms may be delayed. The exposed person may need to be placed under medical supervision for 48 hours. |

5 SECTION 5 : FIREFIGHTING MEASURES

| | | |
|-----|--|---|
| | Extinguishing media | The product is not flammable. Fire hazard low due to the flammability characteristics of the product under normal storage, handling and use conditions. |
| 5.1 | | Suitable extinguishing media: In the event of continued combustion, caused by improper handling, storage or use, the following extinguishing media may be used: carbon dioxide (CO ₂), foam, chemical powders, and in the event of a widespread fire, also water spray. |
| 5.2 | Special hazards arising from the substance or mixture | Inappropriate extinguishing media: In case of fire, do not use: Water jet Hazards due to the substance or mixture: Given its flammability characteristics, the product does not present a specific risk of fire or explosion under normal storage, handling and use conditions. Risk related to thermal decomposition products: A fire in the surrounding area will often produce thick black smoke. Exposure to compositional products may pose health risks. Do not breathe dust, vapours or fumes released by the combustion of the products. |
| | Advice for firefighters | <u>Protective actions to be taken when fighting fires</u> None of them <u>Appropriate protective equipment</u> |
| 5.3 | | The product is not combustible. In the event of a fire in the surrounding area, appropriate extinguishing media and protective equipment may be used for the other materials present (full protective clothing and personal respiratory equipment), in accordance with EN469 for a basic level of protection against chemical incidents. Have a minimum of emergency facilities or intervention elements (fire blankets, medicine kit, etc.) in accordance with Directive 89/654/EC. |

Other information

Additional provisions:

5.4

Respond in accordance with the Internal Emergency Plan and the Fact Sheets on Accident and Other Emergency Response. Remove all sources of ignition. In case of fire, refrigerate containers and storage tanks for products that may ignite and explode as a result of high temperatures. Avoid spilling products used to extinguish the fire in the aquatic environment.

6

SECTION 6 : ACCIDENTAL RELEASE MESURES

6.1

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

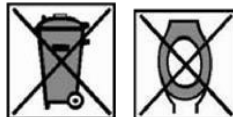
No action should be taken that involves an individual risk or in the absence of appropriate training. Ensure proper ventilation. In the event of accidental dispersion of a large quantity. Evacuate the area. Prevent access to persons not required and not wearing protective clothing. DO NOT touch or walk in spilled material. Ensure

For emergency responders

adequate ventilation. Wear protective equipment.

Workers will be equipped with appropriate personal protective equipment.
(See section 8)

Environmental precautions



6.2

Avoid contamination of soil, sewers, surface water and groundwater. If this happens, inform the competent authorities.

Methods and material for containment and cleaning up

6.3

For containment:

Sewer coverage

For cleaning up:

Collect the spilled product by mechanical means and remove any residues by water jets. Provide adequate ventilation at the location of the spill. The disposal of the contaminated material must be carried out in accordance with the provisions of point 13.

Reference to other sections

6.4

Collect the remains in an identified container: see point 13 for disposal.

Personal protective equipment: see section 8

Withdrawal considerations: see section 13.

See section 1 for emergency contact information.

7

SECTION 7 : HANDLING AND STORAGE

Precautions for safe handling

7.1

Avoid the formation of suspended particles and the dispersion of the product in the air.

Use adequate ventilation in areas where suspended particles develop.

Keep away from flames and sparks. Do not smoke. Keep away from heat sources and other sources of fire.

Advice on professional hygiene in general:

It is prohibited to eat, drink or smoke in areas where this product is handled, stored or used. It is recommended that staff wash their hands and face before eating, drinking or smoking. Remove contaminated clothing and protective equipment

before entering a food court. See also section 8 for more information on hygiene measures.

Ingredients may change appearance and smell if the product is stored in a place that is too hot. We recommend an ambient temperature of $>5^{\circ} <30^{\circ}$.

7.2 **Conditions for safe storage, including any incompatibilities**

Store in accordance with local regulations. Store in the original container away from direct sunlight in a dry, cool and well-ventilated place away from incompatible materials (see section 10). Keep under lock and key. Keep container tightly closed when not in use. Containers that have been opened must be carefully closed again and kept in an upright position to prevent leaks. Do not store in unlabelled containers. Do not store in the presence of food products. Use an appropriate container to avoid contamination of the surrounding environment. Surround storage facilities with containment dykes to prevent soil and water pollution in the event of a spill.

7.3 **Specific end use(s)**

No specific end uses.

Good practices: keep in closed containers. Close containers before and after each use to avoid sources of moisture or heat. Store in areas with waterproof pavement.

8 SECTION 8 : EXHIBITION CONTROLS/INDIVIDUAL PROTECTION

8.1 **Control parameters**

Not applicable

8.2 **Exposure controls**

Appropriate engineering controls

No particular control

Individual protection measures, such as personal protective equipment

Use individual protections placed on the market in accordance with the provisions of Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016.

Eye/face protection

Personal protective equipment must be adapted to the risk, kept clean and properly maintained in accordance with the provisions of the Labour Code.

Skin protection

It is not necessary to wear safety glasses, but it is possible to wear glasses that comply with the NF EN166 standard before handling any products.

Respiratory protection

Hands : Not required but it is possible to wear safety gloves.

Body protection

Others : Not required

Environmental exposure controls

Ensure adequate ventilation, especially in enclosed areas.

Not required

Not required

9 SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance

Physical state: all Pro Organic Bloom compounds are in aqueous solution.

Odour

Color: Black

pH

Soja with a vanilla scent

Melting point

3.70

Freezing point

Not applicable

Initial boiling point and boiling range

-1°C

100°C

| | |
|--|------------------|
| Flash point | Not determined |
| Evaporation rate | Not determined |
| Flammability (solid, gas) | Non inflammable |
| Upper/lower flammability or explosive limits | Not applicable |
| Vapour pressure | Not determined |
| Vapour density | Not determined |
| Relative density | 1.25 |
| Solubility(ies) 20°C | Entirely soluble |
| Partition coefficient: n-octanol/water | Not determined |
| Auto-ignition temperature | Not determined |
| Decomposition temperature | Not determined |
| Viscosity | Not determined |
| Explosive properties | Not determined |
| Oxidising properties | Not determined |
| Refraction index | Not determined |
| Rotary power | Not determined |

9.2

Other information

No other information

10 SECTION 10 : STABILITY AND REACTIVITY

| | | |
|-------------|---|--|
| 10.1 | Reactivity | No particular risk of reaction with other materials under normal conditions of use. |
| 10.2 | Chemical stability | The product is stable at room temperature in closed packages and under normal storage and handling conditions. No hazardous polymerization can be produced by any of these components |
| 10.3 | Possibility of hazardous reactions | No risk of dangerous reactions under normal use and storage conditions. |
| 10.4 | Conditions to avoid | No special conditions to avoid. |
| 10.5 | Incompatible materials | No specific data. |
| 10.6 | Hazardous decomposition products | Under normal storage and use conditions, no hazardous decomposition products should occur. |

11 SECTION 11 : TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

| | |
|--|---|
| a) acute toxicity; | In view of the available data, the classification criteria are not met. |
| (b) skin corrosion/irritation; | |
| (c) serious eye damage/irritation; | No health damage resulting from exposure to the known product. |
| (d) respiratory or skin sensitisation; | No known toxicological effects |
| (e) germ cell mutagenicity; | |
| (f) carcinogenicity; | |
| (g) reproductive toxicity; | |
| (h) STOT-single exposure; | |
| (i) STOT-repeated exposure; | |
| (j) aspiration hazard | |

| | |
|---|--|
| Symptoms related to the physical, chemical and toxicological characteristics | Ingestion: No known significant effects or critical hazards. Inhalation: No known significant effects or critical hazards. Skin Exposure: No known significant effects or critical hazards. Eye exposure: Slight irritation. No known significant effects or critical hazards |
| Delayed and immediate effects as well as chronic effects from short- and long-term exposure | No known effect |
| Interactive effects | No data available |
| Absence of specific data | No data available |
| Mixtures | No data available |
| Mixture versus substance information | Mixture not containing substances subject to registration. No known adverse effects or symptoms resulting from exposure to the mixture or its components. |
| Other information | Comply with good industrial hygiene practices |

12 SECTION 12 : ECOLOGICAL INFORMATION

| | | |
|-------------|---|--|
| 12.1 | Toxicity | Not applicable |
| 12.2 | Persistence and degradability | No data available to date to the best of our knowledge |
| 12.3 | Bioaccumulative potential | No data available to date to the best of our knowledge |
| 12.4 | Mobility in soil | No data available to date to the best of our knowledge. Waste generation should be avoided or minimized as much as possible, and the product should not be discharged into sewers or waterways. |
| 12.5 | Results of PBT and vPvB assessment | No data available to date to the best of our knowledge |
| 12.6 | Other adverse effects | No data available to date to the best of our knowledge |

13 SECTION 13 : DISPOSAL CONSIDERATIONS

| | | |
|-------------|--|---|
| 13.1 | Waste treatment methods | Do not discharge into sewers or waterways. Waste: Waste management is carried out without endangering human health and without harming the environment, including without creating a risk to water, air, soil, fauna and flora. Recycle or dispose of in accordance with current legislation, preferably by an approved collector or company. Disposal of the product/packaging: it is prohibited to discharge it into sewers or waterways. Residues and empty containers must be handled and disposed of in accordance with the relevant local/national legislation in force. Follow the provisions of Directive 2008/98/EC on waste management. Pro Organic Grow can be disposed of in the same way as any industrial fertilizer. Recover the product as much as possible. Follow local legislation. |
| | Waste codes / waste designations according to LoW: | Not applicable |

14 SECTION 14 : TRANSPORT INFORMATION

Non-hazardous transport. In the event of an accident and product spillage, proceed as described in point 6

| | | |
|-------------|--|---|
| 14.1 | UN number | Non-hazardous transport |
| 14.2 | UN proper shipping name | Non-hazardous transport |
| 14.3 | Transport hazard class(es) | Non-hazardous transport |
| | ADR | Non-hazardous transport |
| | IMDG | Non-hazardous transport |
| | OACI/IATA | |
| 14.4 | Packing group | Non-hazardous transport |
| 14.5 | Environmental hazards | Non-hazardous transport |
| 14.6 | Special precautions for user | Non-hazardous transport |
| 14.7 | Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Non applicable/ Non-hazardous transport |

15 SECTION 15 :REGULATORY INFORMATION

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

| | | |
|-------------|-----------------------------------|--|
| 15.1 | Reg. 1272/2008/CE | The product does not contain substances that can be classified as carcinogenic. 1 or 2 according to Reg.1272/2008/EC and subsequent updates. |
| | Reg. 830/2015/CE (REACH) | Not applicable |
| | Special hazards | To our knowledge, none. |
| 15.2 | Chemical safety assessment | Evaluation not carried out |

16 SECTION 16 : OTHER INFORMATION

| | | |
|-------------|---|---|
| 16.1 | Abbreviations and acronyms: | <p>ETA = Acute Toxicity Estimation</p> <p>CLP = Regulation 1272/2008/EC on classification, labelling and packaging of substances and mixtures</p> <p>DNEL = Derived no-effect dose</p> <p>DMEL = Derived no-effect dose</p> <p>EUH = Specific hazard statement CLP</p> <p>CPSE = Predicted no-effect concentration</p> <p>RRN = REACH registration number</p> <p>PTB = Persistent, Toxic and Bioaccumulative</p> <p>tPtB = Very persistent and very bioaccumulative</p> <p>bw = Body mass</p> |
| | Key literature references and sources for data | <p>Regulation (EC) 1907/2006 of the European Parliament (REACH)</p> <p>Regulation (EC) 1272/2008 of the European Parliament (CLP)</p> <p>Regulation (EC) 790/2009 of the European Parliament (I Atp. CLP)</p> <p>Regulation (EC) 453/2010 of the European Parliament Regulation (EC) 286/2011 of</p> |

| | |
|-------------|--|
| 16.2 | <p>the European Parliament (II Atp. CLP)</p> <p>The Merck index. Ed. 10 Handling and chemical safety</p> <p>Niosh - Register of toxic effects of chemical substances</p> <p>INRS - Toxicological Data Sheet</p> <p>Patty - Industrial hygiene and toxicology</p> <p>N.I. Sax - Dangerous properties of Industrial Materials - 7 Ed., 1989</p> <p>ECHA website</p> <p>EU REACH IUCLID5 CSR.</p> <p>National Institute for Occupational Safety and Health, U.S. Dept. of Health, Education, and Welfare, Reports and Memoranda Registry of Toxic Effects of Chemical Substances.</p> <p>IHS, 4777 Levy Street, St Laurent, Quebec HAR 2P9, Canada. Règlement (CE) n ° 1272/2008 Annexe VI.</p> |
| 16.3 | <p>Indication of changes:</p> <p>Date of revision: 25/06/2019</p> <p>Previous version date: 01/01/2008</p> <p>Version: 2 Amendment: compliance with European legislation in 16 points. Amendment section 12.</p> |
| 16.4 | <p>Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:</p> <p>Note</p> <p>Version: 3 Modification: name change (Go Thrive Bloom becomes Pro Organic Bloom)</p> <p>Non Applicable</p> <p>The indicated mixture does not require an MSDS according to REACH requirements. Form prepared for information purposes.</p> <p>This safety data sheet complies with the requirements established by Regulation 830/2015/EU. It does not in any way exempt the user from knowing and applying all the documents that govern his activity. The user will take under his responsibility the precautions related to the specific use of the product. All the regulatory requirements mentioned are intended simply to assist the recipient in fulfilling their responsibilities. This list should not be considered exhaustive. This sheet supplements the technical operating instructions but does not replace them. The information contained herein is based on our knowledge of the product on the date indicated. They are given in good faith. In addition, the user's attention is drawn to the possible risks involved when a product is used for purposes other than those for which it was created. The user must ensure that he is not responsible for anything else according to texts other than those mentioned.</p> <p>Pro Organic Bloom is a plant nutrition product. The information collected for this safety data sheet is intended for use of the product under the conditions specified by the manufacturer. Users should take all precautions recommended in this document when working with this product.</p> <p>This safety data sheet has been prepared by Terra Aquatica/GHE on the basis of its current knowledge (manufacturer's active ingredient safety data sheet and other bibliographic data).</p> <p>The information describes the safety aspects of the product. They are not intended to guarantee specific properties.</p> <p>It is the responsibility of our customers to comply with the regulations in force.</p> |

