

**PROVANTO FUNGUS FIGHTER PLUS**  
**05769077**

1/21

Creation Date: 21/07/2017

Revision Date: 13/01/2021

Version: 04 / UK &amp; Ireland

**SECTION I: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE  
COMPANY/UNDERTAKING**
**1.1 Product identifier**

**Product Name** PROVANTO FUNGUS FIGHTER PLUS

**Product code** 86600250

**Market Authorisation Number** MAPP 18043 / PCS 06000

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

**Use** Fungicide

**Product category** Plant protection products (REACH PC27)  
Any other liquids : Ready to use formulation (AL)

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

**Supplier** SBM Life Science Ltd  
Hyperion House  
Fordham Road  
Newmarket  
Suffolk  
CB8 7XN  
GREAT BRITAIN

**Phone number** +44 (0)1223 677 611

**Responsible Department** Email: [sds@sbm-company.com](mailto:sds@sbm-company.com)

**1.4 Emergency telephone no.**

	United Kingdom	Ireland
<b>National Poisons Information</b>	<a href="mailto:director.birmingham.unit@npis.org">director.birmingham.unit@npis.org</a>	<a href="mailto:info@beaumont.ie">info@beaumont.ie</a>
<b>Service (NPIS) :</b>	<a href="http://www.npis.org/">www.npis.org/</a>	<a href="http://www.poisons.ie">www.poisons.ie</a>
<b>Emergency telephone number</b>	+44 (0)800 321 3079 (24Hr)	+353 (1) 809 2166 (8.00 a.m. to 10.00 p.m. 7 days a week)

## PROVANTO FUNGUS FIGHTER PLUS

2/21

Creation Date: 21/07/2017

Revision Date: 13/01/2021

Version: 04 / UK & Ireland

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

**Classification in accordance with Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, as amended.**

Physical Hazards:

Not classified

Health and Safety Hazards:

Not classified

Environmental Hazards:

Hazardous to the aquatic environment – Chronic long term -, category 3 (Aquatic Chronic 3)  
H412 Harmful to aquatic life with long lasting effects.

#### 2.2 Label elements

**Labelling in accordance with Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, as amended.**

**Hazardous components which must be listed on the label :** None

**Pictograms of hazards :** None

**Signal word :** None

**Hazard statements :**

H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements:**

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P264 Wash hands thoroughly after handling.  
P280 Wear protective gloves/protective clothing.  
P501 Dispose of contents / container in accordance with local regulation.

**Additional mentions:**

**EUH208** Contains Reaction mass of : 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazol-3-one, Trifloxystrobin (ISO). May produce an allergic reaction.

## PROVANTO FUNGUS FIGHTER PLUS

3/21

Creation Date: 21/07/2017  
Revision Date: 13/01/2021  
Version: 04 / UK & Ireland

### Additional labelling:

**EUH401** To avoid risks to human health and the environment, comply with the instructions for use.

**SP 1** Do not contaminate water with the product or its container.

### 2.3 Other hazards

No other hazards known.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable

### 3.2 Mixtures

#### Chemical nature

Any other liquids : ready to use liquid (AL)

#### Hazardous components

Hazard statements according to Regulation (EC) No. 1272/2008

Ingredients	CAS Number EC Number Index Number	REACH Number / recording	Classification Regulation 1272/2008/EC	Conc % (w/w)
1-propanol*	71-23-8 200-746-9 603-003-00-0	01-2119486761- 29-	Flam. Liq. 2, H225 Eye Dam. 1, H318 STOT SE 3, H336	> 1,0000
Trifloxystrobin (ISO)	141517-21-7 / 607-424-00-0	/	Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410	0,0120 < x < 0,0130
Tebuconazole (ISO)	107534-96-3 406-640-2 603-197-00-7	/	Repr. 2, H361d Acute Tox. 4, H302 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=10)	0,0120 < x < 0,0130

## PROVANTO FUNGUS FIGHTER PLUS

4/21

Creation Date: 21/07/2017

Revision Date: 13/01/2021

Version: 04 / UK &amp; Ireland

Ingredients	CAS Number EC Number Index Number	REACH Number / recording	Classification Regulation 1272/2008/EC	Conc % (w/w)
Reaction mass of : 5-chloro-2-methyl-4-isothiazolin-3-one [EC N° 247-500-7] and 2-methyl-4-isothiazol-3-one [EC N° 220-239-6]**	55965-84-9 611-341-5 613-167-00-5	/	Acute Tox. 2, H330 Acute Tox. 2, H310 Acute Tox. 3, H301 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100) EUH071	0,0002 < x < 0,0015

\*\* Specific concentration limits : Skin Corr. 1C, H314 : C >= 0,6%

Eye Dam. 1, H318 : C >= 0,6%

Skin Irrit. 2, H315 : 0,06 <= C < 0,6%

Eye Irrit. 2, H319 : 0,06 <= C < 0,6%

Skin Sens. 1, H317 : C >= 0,0015%

\* Substance for which Union workplace exposure limits have been assigned.

## Further information

For the full text of the H-Statements mentioned in this Section, see Section 16.

## SECTION 4: FIRST AID MEASURES

## 4.1 Description of first aid measures

## General advice

Have container, label or safety data sheet of the product when you call an emergency number, a poison center, a doctor / physician or when you need to consult for a treatment.

## Inhalation

In case of illness, move the victim to fresh air and keep her warm and at rest. If symptoms persist, get medical attention.

## Eye contact

Rinse immediately with plenty of water, also under the eyelids during at least 15 minutes. Remove contact lenses if it is possible and continue to rinse. Get medical attention if irritation develops and persists. minutes, then continue rinsing eye.

## Skin contact

Remove contaminated clothing and footwear. Flush skin with water. Wash with water and soap.

Wash clothes before reuse.

**PROVANTO FUNGUS FIGHTER PLUS**

5/21

Creation Date: 21/07/2017

Revision Date: 13/01/2021

Version: 04 / UK &amp; Ireland

**Ingestion** Call a physician immediately. DO NOT induce vomiting unless directed to do so by a physician. DO NOT give something to an unconscious person.

**4.2 Most important symptoms and effects, both acute and delayed**

**Symptoms** No symptoms known or expected.

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

**Hazards** No other data available.

**Treatments** Treat symptomatically. There is no specific antidote.

Systemic treatment : In case of ingestion gastric lavage should be considered in cases of significant ingestions only within the first 2 hours. However, the application of activated charcoal and sodium sulphate is always advisable.

**SECTION 5: FIREFIGHTING MEASURES****5.1 Extinguishing media**

**Suitable** Water spray, Carbon dioxide (CO<sub>2</sub>), Alcohol resistant foam, Dry chemical

**Unsuitable** High volume water jet.

**5.2 Special hazards arising from the substance or mixture**

**Special hazards arising from the substance or mixture** Burning often produces heavy smokes.

The breakdown products can be dangerous for the health. Do not breathe fumes.

## **PROVANTO FUNGUS FIGHTER PLUS**

6/21

---

Creation Date: 21/07/2017  
Revision Date: 13/01/2021  
Version: 04 / UK & Ireland

### **5.3 Advice for firefighters**

<b>Special protective equipment for firefighters</b>	In the event of fire and/or explosion do not breathe fumes. In the event of fire, wear self-contained breathing apparatus. Wear appropriate body protection (full protective suit).
<b>Further information</b>	Stay upstream of the flames.  Cool the containers of the product with water. Do not let the extinguishing waters going into the environment.

---

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

<b>For non-emergency personnel</b>	Ensure adequate ventilation. Avoid contacts with eyes, skin and clothes.  Evacuate the danger zone and observe the emergency procedures.
<b>For emergency responders</b>	Ensure adequate ventilation. Wear an adequate individual protective equipment. Isolate the danger zone and refuse entry to non-essential and unprotected people.

### **6.2 Environmental precautions**

<b>Environmental precautions</b>	Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.
----------------------------------	--

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

<b>Methods for containment</b>	Contain the spread.
<b>Methods for cleaning up</b>	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Clean contaminated with water then rinse. Keep in suitable, closed containers for disposal.

## PROVANTO FUNGUS FIGHTER PLUS

7/21

---

Creation Date: 21/07/2017  
Revision Date: 13/01/2021  
Version: 04 / UK & Ireland

**Additional advice** Do not leave washing water contaminate water sources and the environment.

### 6.4 Reference to other sections

Refer to sections 8 and 13 for personal protection

---

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

**Advice on safe handling** Avoid contact with skin, eyes, injuries and clothing.

Use in ventilated areas.

**Advice on protection against fire and explosion** No special protection recommended.

**Hygiene measures** Avoid contact with skin, eyes and clothing. Keep working clothes separately.

After handling, wash the hands before eating, drinking or smoking.

Remove soiled clothing immediately and clean thoroughly before using again.

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

**Requirements for storage areas and containers** Store in original container out of reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from frost. Keep away from direct sunlight.

Started products must be gingerly closed and stored in a vertical position.

## PROVANTO FUNGUS FIGHTER PLUS

8/21

Creation Date: 21/07/2017

Revision Date: 13/01/2021

Version: 04 / UK &amp; Ireland

**Advice on common storage** Keep away from food, drink and animal feeding stuffs.

**Suitable materials** Store in the original container.  
HDPE (high density polyethylene)

**7.3 Specific end use(s)**

Fungicide, ready to use.

Refer to the label and/or leaflet.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters: exposure limit values**

No specific control parameters for the mixture.

For the components mentioned in Section 3.2 :

Components	CAS Number	Exposure limit values	Country	Base
1-propanol	71-23-8	200 ppm 500 mg/m <sup>3</sup> <i>TWA 8 h</i>	United Kingdom	Gestis
1-propanol	71-23-8	250 ppm 625 mg/m <sup>3</sup> <i>STEL 15 min.</i>	United Kingdom	Gestis
Tebuconazole (ISO)	107534-96-3	0,2 mg/m <sup>3</sup>		Supplier
Trifloxystrobin (ISO)	141517-21-7	2,7 mg/m <sup>3</sup>		Supplier

**Further information:**

Data for Propan-1-ol CAS 71-23-8 :

PNEC (Water)	
PNEC aqua (freshwater)	6,83 mg/l
PNEC aqua (marine water)	683 µg/l
PNEC aqua (intermittent releases)	10 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	27,5 mg/kg
PNEC sediment (marine water)	2,75 mg/kg

**PROVANTO FUNGUS FIGHTER PLUS**

9/21

Creation Date: 21/07/2017

Revision Date: 13/01/2021

Version: 04 / UK &amp; Ireland

PNEC (Soil)	
PNEC soil	1,49 mg/kg
PNEC (STP)	
PNEC sewage treatment plant	96 mg/l
DNEL/DMEL (Workers)	
Long term systemic effects - dermal :	136 mg/kg/day
Long term systemic effects - inhalation :	268 mg/m <sup>3</sup>
Short term systemic effects - inhalation :	1 723 mg/m <sup>3</sup>
DNEL/DMEL (General population)	
Long term systemic effects - inhalation :	80 mg/m <sup>3</sup>
Short term systemic effects - inhalation :	1 036 mg/m <sup>3</sup>
Long term systemic effects - dermal :	81 mg/kg/day
Long term systemic effects - oral :	61 mg/kg/day

**8.2 Exposure controls****Technical measures**

**Appropriate engineering controls :** Emergency eye wash fountains and emergency showers should be available in the immediate vicinity of the work stations.

Envisage ventilation and evacuation appropriate to the equipment and places where vapors can be formed.

**Personal protective equipment**

In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.

**Respiratory protection** Respiratory protection is not required under anticipated circumstances of exposure.

**Hand protection** Avoid contact with hands.

It is recommended to wear gloves in conformity with the norm EN 374. Dispose of gloves when contaminated inside, when perforated or when contamination on the outside cannot be removed.

After manipulation of the product, wash carefully hands.

**Eye protection** Avoid contact with eyes.

**PROVANTO FUNGUS FIGHTER PLUS**

10/21

Creation Date: 21/07/2017

Revision Date: 13/01/2021

Version: 04 / UK &amp; Ireland

**Skin and body protection**

Avoid contact with the skin. Wear standard coveralls.

In case of contact, wash carefully soiled parts of the body.

Wash soiled clothes before reusing them.

**Thermal protection**

No information available.

**Exposure controls concerning the protection of the environment****Controls for the protection of the environment**

Do not apply pesticides outside when rain is envisaged or in windy weather.

Do not flush into surface water or sanitary sewer system.

Avoid subsoil penetration.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid
<b>Appearance</b>	Slightly turbid
<b>Colour</b>	Colourless to light brown
<b>Odour</b>	Alcohol-like
<b>Odour threshold</b>	No information available
<b>pH</b>	5,0 – 6,0 – 23°C, 100% -
<b>Melting point / freezing point</b>	No information available
<b>Initial boiling point and boiling range</b>	No information available
<b>Flash Point</b>	69,5 °C – 1 013,3 hPa -

**PROVANTO FUNGUS FIGHTER PLUS**

11/21

Creation Date: 21/07/2017

Revision Date: 13/01/2021

Version: 04 / UK &amp; Ireland

<b>Evaporation rate</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Upper / lower flammability or explosive limits</b>	No information available
<b>Vapour pressure</b>	No information available
<b>Vapour density</b>	No information available
<b>Relative density</b>	1 – 20°C -
<b>Solubility in water</b>	Soluble
<b>Solubility in organic solvents</b>	No information available
<b>Partition coefficient: n-octanol / water</b>	Log Pow = 4,5 – 25°C, Trifloxystrobin (ISO) – Log Pow = 3,7 – Tebuconazole (ISO) -
<b>Auto-ignition temperature</b>	667°C
<b>Decomposition temperature</b>	No information available
<b>Dynamic viscosity</b>	No information available
<b>Explosive properties</b>	Not explosive – 92/69/EC, A14, OECD 113 -
<b>Oxidising properties</b>	No oxidizing properties

**9.2 Other information**

<b>Surface tension</b>	46,7 mN/m
<b>Kinematic viscosity</b>	1,116 mm <sup>2</sup> /s – 20°C - 0,726 mm <sup>2</sup> /s – 40°C -

## PROVANTO FUNGUS FIGHTER PLUS

12/21

---

Creation Date: 21/07/2017  
Revision Date: 13/01/2021  
Version: 04 / UK & Ireland

---

### SECTION 10: STABILITY AND REACTIVITY

#### 10.1 Reactivity

**Thermal decomposition** Stable under recommended conditions of use and storage.

#### 10.2 Chemical stability

**Chemical stability** Stable under foreseeable conditions of uses and storage.

#### 10.3 Possibility of hazardous reactions

**Possibility of hazardous reactions** No hazardous reactions when stored and handled according to prescribed instructions.

#### 10.4 Conditions to avoid

**Conditions to avoid** Extremes of temperature and direct sunlight.

#### 10.5 Incompatible materials

**Incompatible materials** Store in the original container.

#### 10.6 Hazardous decomposition products

**Hazardous decomposition products** None hazardous decomposition products attended under conditions of use.

---

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

**Acute oral toxicity** DL50 > 5 000 mg/kg – Rat -

**PROVANTO FUNGUS FIGHTER PLUS**

13/21

Creation Date: 21/07/2017

Revision Date: 13/01/2021

Version: 04 / UK &amp; Ireland

<b>Acute inhalation toxicity</b>	LC50 > 5,604 mg/l – Rat, 4h -
<b>Acute dermal toxicity</b>	DL50 > 2 000 mg/kg – Rat -
<b>Skin irritation / corrosion</b>	No skin irritation - Rabbit -
<b>Eye irritation / severe eye injuries</b>	No eyes irritation - Rabbit -
<b>Respiratory sensitisation</b>	Specific data not available. Based on available data, the classification criteria are not met.
<b>Skin sensitisation</b>	Non-sensitizing – Mouse, OECD429, Local Lymph Node Assay LLNA -

**Assessment about carcinogenicity:**

Specific data not available.

Based on available data, the classification criteria are not met.

Trifloxystrobin (ISO) : was not carcinogenic in lifetime feeding studies in rats and mice.

Tebuconazole (ISO) : caused at high dose levels an increased incidence of tumours in mice in the following organ(s): Liver. The mechanism of tumour formation is not considered to be relevant to man.

**Assessment about germ cell mutagenicity:**

Specific data not available.

Based on available data, the classification criteria are not met.

Trifloxystrobin (ISO) : was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.

Tebuconazole (ISO) : was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.

**Assessment about reproductive toxicity and fertility:**

Specific data not available.

Based on available data, the classification criteria are not met.

Trifloxystrobin (ISO) : caused reproduction toxicity in a two-generation study in rats only at dose levels also toxic to the parent animals. The reproduction toxicity seen with Trifloxystrobin is related to parental toxicity.

**PROVANTO FUNGUS FIGHTER PLUS**

14/21

Creation Date: 21/07/2017

Revision Date: 13/01/2021

Version: 04 / UK &amp; Ireland

Tebuconazole (ISO) : caused reproduction toxicity in a two-generation study in rats only at dose levels also toxic to the parent animals. The reproduction toxicity seen with Tebuconazole is related to parental toxicity.

**Assessment about developmental toxicity:**

Specific data not available.

Based on available data, the classification criteria are not met.

Trifloxystrobin (ISO) : caused developmental toxicity only at dose levels toxic to the dams. The developmental effects seen with Trifloxystrobin are related to maternal toxicity.

Tebuconazole (ISO): caused developmental toxicity only at dose levels toxic to the dams. Tebuconazole caused an increased incidence of post implantation losses, an increased incidence of non-specific malformations.

**Assessment about specific target organ toxicity:****Single Exposure:**

Specific data not available.

Based on available data, the classification criteria are not met.

**Repeated Exposure:**

Specific data not available.

Based on available data, the classification criteria are not met.

Trifloxystrobin (ISO) : did not cause specific target organ toxicity in experimental animal studies.

Tebuconazole (ISO) : did not cause specific target organ toxicity in experimental animal studies.

**Aspiration hazard:**

Specific data not available.

Based on available data, the classification criteria are not met.

**Further information**

No further information.

## PROVANTO FUNGUS FIGHTER PLUS

15/21

Creation Date: 21/07/2017

Revision Date: 13/01/2021

Version: 04 / UK &amp; Ireland

## SECTION 12: ECOLOGICAL INFORMATION

## 12.1 Toxicity

<b>Toxicity to fish</b>	LC50 = 4,4 mg/l <i>Oncorhynchus mykiss</i> (Rainbow trout) Exposure time: 96 h Tebuconazole (ISO)
<b>Toxicity to fish</b>	LC50 = 0,015 mg/l <i>Oncorhynchus mykiss</i> (Rainbow trout) Exposure time: 96 h Trifloxystrobin (ISO)
<b>Toxicity to aquatic invertebrates</b>	EC50 = 86 mg/l <i>Daphnia magna</i> (Water flea) Exposure time: 48 h  NOEC = 0,01 mg/l <i>Daphnia magna</i> (Water flea) Exposure time: 21 d Tebuconazole (ISO)
<b>Toxicity to aquatic plants</b>	EC50 = 3,8 mg/l <i>Raphidocelis subcapitata</i> (Freshwater green alga) Exposure time: 72 h Tebuconazole (ISO)  EC50 = 0,0053 mg/l <i>Desmodesmus subspicatus</i> (Green algae) Exposure time: 72 h Trifloxystrobin (ISO)
<b>Toxicity for bees</b>	No information available
<b>Toxicity for earth-worms</b>	No information available
<b>Toxicity for birds</b>	No information available.

## 12.2 Persistence and degradability

<b>Biodegradability</b>	No data for the mixture.
-------------------------	--------------------------

**PROVANTO FUNGUS FIGHTER PLUS**

16/21

Creation Date: 21/07/2017

Revision Date: 13/01/2021

Version: 04 / UK &amp; Ireland

**Koc** Trifloxystrobin (ISO)/Tebuconazole (ISO): not rapidly biodegradable

Trifloxystrobin (ISO) : Koc = 2 377

Tebuconazole (ISO) : Koc = 769

**12.3 Bioaccumulative potential**

**Bioaccumulation** No data for the mixture.

Trifloxystrobin (ISO) : BCF = 431 / Does not bioaccumulate.

Tebuconazole (ISO) : BCF = 35 - 59 / Does not bioaccumulate.

**12.4 Mobility in soil**

**Mobility in soil** No data for the mixture.

Trifloxystrobin (ISO)/Tebuconazole (ISO) : slightly mobile in soils.

**12.5 Results of PBT and vPvB assessment**

**PBT and vPvB assessment** Trifloxystrobin (ISO)/Tebuconazole (ISO) : These substances are not considered to be persistent, bioaccumulative and toxic (PBT). These substances are not considered to be very persistent and very bioaccumulative (vPvB).

**12.6 Other adverse effects**

**Additional ecological information** No other effects to be mentioned.

**PROVANTO FUNGUS FIGHTER PLUS**

17/21

Creation Date: 21/07/2017

Revision Date: 13/01/2021

Version: 04 / UK &amp; Ireland

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

<b>Generalities</b>	Avoid subsoil penetration. Handle the uncleaned container like the product itself. Do not mix the product or container with other waste.
<b>Product</b>	In accordance with current regulations and, if necessary, after consultation with the site operator and/or with the responsible authority, the product may be taken to a waste disposal site or incineration plant.
<b>Contaminated packaging</b>	Not completely emptied packaging should be disposed of as hazardous waste.

**SECTION 14: TRANSPORT INFORMATION****ADR/RID/ADN**

14.1 UN number	/
14.2 Proper shipping name	/
14.3 Transport hazard class(es)	/
14.4 Packing group	/
14.5 Environm. Hazardous Mark	/

This classification is in principle not valid for carriage by tank vessel on inland waterways. Please refer to the manufacturer for further information.

**IMDG**

14.1 UN number	/
14.2 Proper shipping name	/
14.3 Transport hazard class(es)	/
14.4 Packing group	/
14.5 Marin pollutant	/

## **PROVANTO FUNGUS FIGHTER PLUS**

18/21

---

Creation Date: 21/07/2017  
Revision Date: 13/01/2021  
Version: 04 / UK & Ireland

### **IATA**

14.1 UN number /  
14.2 Proper shipping /  
name  
14.3 Transport hazard /  
class(es)  
14.4 Packing group /  
14.5 Environm. /  
Hazardous Mark

#### **14.6 Special precautions for user**

See sections 6 to 8 of this Safety Data Sheet.

#### **14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code**

No transport in bulk according to the IBC Code.

---

## **SECTION 15: REGULATORY INFORMATION**

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

#### **Further information**

At the present time, the substances mentioned in section 3.2 of this SDS aren't quoted in :

- Annex XIV of REACH Regulation EC 1907/2006 about list of substances subject to authorization
- Annex XVII of REACH Regulation EC 1907/2006 about restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles.

#### **Specific provisions:**

Labelling in conformity with the Plant protection products Regulation EC 1107/2009.

### **15.2 Chemical Safety Assessment**

A chemical safety assessment is not required.

**PROVANTO FUNGUS FIGHTER PLUS**

19/21

Creation Date: 21/07/2017

Revision Date: 13/01/2021

Version: 04 / UK &amp; Ireland

**SECTION 16: OTHER INFORMATION****Text of the hazard statements (H sentences) mentioned in Sections 2 and 3:**

H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H330	Fatal if inhaled.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H336	May cause drowsiness or dizziness.
H361d	Suspected of damaging the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.

**Text of hazards classes and categories mentioned in Sections 2 and 3:**

Flam. Liq. 2	Flammable liquid, Category 2
Acute Tox. 4	Acute toxicity - oral route -, Category 4
Acute Tox. 3	Acute Toxicity – oral route -, Category 3
Acute Tox. 2	Acute Toxicity – dermal route -, Category 2
Acute Tox. 2	Acute Toxicity – inhalation route -, Category 2
Skin Corr. 1C	Skin Corrosion, Category 1
Eye Dam. 1	Serious Eye damage, Category 1
Skin Sens. 1	Skin Sensitization, Category 1
Skin Sens. 1A	Skin Sensitization, Category 1A
STOT SE3	Specific target organ toxicity — single exposure, Category 3
Repr. 2	Reproductive toxicity, Category 2
Aquatic Acute 1	Hazardous to the aquatic environment - short term, acute -, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - long term, chronic -, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment - long term, chronic -, Category 3

**Abbreviations and acronyms**

ADI	Acceptable Daily Intake
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road

**PROVANTO FUNGUS FIGHTER PLUS**

20/21

Creation Date: 21/07/2017

Revision Date: 13/01/2021

Version: 04 / UK &amp; Ireland

ARfD	Acute Reference Dose
A.S	Active Substance
ATE	Acute toxicity estimate
BCF	Bioconcentration Factor
CAS-Nr.	Chemical Abstracts Service number
CLP	Classification, Labelling, Packaging regulation
Conc.	Concentration
DMEL	Derived Minimal Effect Levels
DNEL	Derived No Effect Level
EC-No.	European community number
ECx	Effective concentration to x %
EINECS	European inventory of existing commercial substances
ELINCS	European list of notified chemical substances
EN	European Standard
EU	European Union
IATA	International Air Transport Association
IBC	International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (IBC Code)
ICx	Inhibition concentration to x %
IMDG	International Maritime Dangerous Goods
Koc	Absorption Coefficient
LCx	Lethal concentration to x %
LDx	Lethal dose to x %
LOEC/LOEL	Lowest observed effect concentration/level
MARPOL	MARPOL: International Convention for the prevention of marine pollution from ships
NOEC/NOEL	No observed effect concentration/level
N.O.S.	Not otherwise specified
OECD	Organization for Economic Co-operation and Development
OSHA	Occupational Safety and Health Administration
PBT	Persistent, Bioaccumulative and Toxic substances
PNEC	Predicted No Effect Concentration
Pow	Partition coefficient: n-octanol / water
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
STOT	Specific Target Organ Toxicity
SVHC	Substance of Very High Concern
TWA	Time weighted average
vPvB	Very Persistent and Very Bioaccumulative
UN	United Nations
WHO	World health organisation

**Further information:**

The classification of the mixture Provanto Fungus fighter plus was calculated according to the methods described in EC 1272/2008 regulation, with regards to the dangers for the environment and for health.

**PROVANTO FUNGUS FIGHTER PLUS**

21/21

Creation Date: 21/07/2017

Revision Date: 13/01/2021

Version: 04 / UK &amp; Ireland

**Purpose of the reviewing:**

Version 03 of the Safety Data Sheet : amendment.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.
--

**Additional information:**

The information contained within this Safety Data Sheet is in accordance with the guidelines established by Regulation (EU) 1907/2006 and Regulation (EU) 2015/830 amending Regulation (EU) No 1907/2006 and any subsequent amendments. This data sheet complements the user's instructions but does not replace them. The information it contains is based on the knowledge and the legislative and regulatory texts available about the product concerned at the time it was compiled. Users are further reminded of the possible risks of using a product for purposes other than those for which it was intended. The information given in this data sheet have to be consider as a description of the requirements for the product and not consider as a guarantee or a quality specification concerning its properties. The required information complies with current EEC legislation. Addressees are requested to observe any additional national requirements.