

PHOSTROGEN ORGANIC LAWN FOOD

85849478

1/18

Creation Date: 19/10/2020

Revision Date: 18/02/2021

Version: 2 / UK & Ireland

SECTION I: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier****Product Name** PHOSTROGEN ORGANIC LAWN FOOD**Product code** 86601228 / 86601208**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Use Fertiliser
REACH PC 12
 GR : Granules
 Fertiliser N-P-K (+MgO-CaO) 8-4-3 (2-13)

1.3 Details of the supplier of the safety data sheet

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

Telephone +44 (0)1233 677 611**Responsible Department** Email: sds@sbm-company.com**1.4 Emergency telephone no.**

	United Kingdom	Ireland
National Poisons Information Service (NPIS) :	director.birmingham.unit@npis.org www.npis.org/	info@beaumont.ie www.poisons.ie
Emergency telephone number	+44 (0)800 321 3079 (24 Hr)	+353 (1) 809 2166 (8.00am to 10.00 pm 7 days a week)

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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:

No classification for physical hazards.

Health and Safety Hazards:

No classification for health and safety hazards.

Environmental Hazards:

No classification for environmental hazards.

2.2 Label elements

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

Non subject to regulatory labelling.

Hazardous components which must be listed on the label:

No hazardous components must be listed on the label.

Pictograms of hazards : No pictograms of hazards required.

Signal word : No signal word required.

Hazard statements : No hazard statements required.

Precautionary statements:

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P261	Avoid breathing dust.
P270	Do not eat, drink or smoke when using this product.

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Additional mentions:

No additional labelling required.

Additional labelling:

No additional labelling required.

2.3 Other hazards

Dust can form an explosive mixture with the air.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not concerned.

3.2 Mixtures

Chemical nature

GR : micro granules

Hazardous components

Hazard statements in accordance with Regulation (EC) No. 1272/2008

No hazardous materials are present at a concentration threshold that triggers a classification under this regulation.

Further information

For full text of H-statements and R sentences : see SECTION 16.

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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.
Skin contact	Remove contaminated clothing and footwear. Flush skin with water. Wash with water and soap. Wash clothes before reuse.
Ingestion	Immediately rinse mouth and throat. Drink a lot of water. 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	Dust in high concentrations may irritate the respiratory system. Solid particles trapped behind the eyelid may cause abrasive damage.
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4.3 Indication of any immediate medical attention and special treatment needed

Hazards	Irritation of the eyes and the respiratory system (particles).
Treatments	No specific antidote known. Symptomatic treatment.

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SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable	Carbon dioxide (CO ₂), dry chemical, water spray, alcohol-resistant foam.
Unsuitable	None

5.2 Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture	The breakdown products can be dangerous for the health. Do not breathe fumes.
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5.3 Advice for firefighters

Special protective equipment for firefighters	Wear protection clothing for all the body, complete equipment. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
Further information	Stay upstream of the flames. Fight fire from protected location or maximum possible distance. 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

For non-emergency personnel	Ensure adequate ventilation. Avoid inhalation of dust and contacts with skin and eyes. Stop the source of the spill immediately if safe to do so. Avoid and reduce dust formation as much as possible, if appropriate by moistening.
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For emergency responders Ensure adequate ventilation. Wear an adequate individual protective equipment.

6.2 Environmental precautions

Environmental precautions Contain the spill to prevent any further contamination of surface, soil or water.

6.3 Methods and materials for containment and cleaning up

Methods for containment Contain the spread and if possible, recover material.

Methods for cleaning up Collect spillage with a shovel and broom, or similar and reuse, if possible.

Clean area with much water.

Spills in water should be contained as much as possible by isolation of the contaminated water. The contaminated water can be re-used as diluted fertiliser.

Additional advice Recycle where possible.

6.4 Reference to other sections

Reference to other sections See measures for protection into the sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling Avoid inhalation of dust and contact with skin and eyes.

Wear appropriate clothing.

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**Advice on protection
against fire and
explosion**

No information available.

Hygiene measures

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

Wash at the end of each work shift and before eating, smoking and using the toilet.

7.2 Conditions for safe storage, including any incompatibilities**Requirements for
storage areas and
containers**

Keep out of the reach of children.

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from moisture. Started products must be gingerly closed and stored in a vertical position.

**Advice on common
storage**

Keep away from food, drink and animal feedingstuffs.

Suitable materials

Store in the original container.

7.3 Specific end use(s)**Specific end use(s)**

Fertiliser. Refer to the label and / or leaflet.

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

For the mixture, control parameters are not known and no values for exposure limits have been determined.

No specific control parameters for the components mentioned in Section 3.2.

Further information:

No other available data.

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8.2 Exposure controls**Appropriate engineering controls**

Appropriate engineering controls Eyes showers and safety showers must be placed close to the work area.

Individual protective measures, such as personal protective equipment

All the measures for collective protection should be set and use before to consider the use of 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	Avoid breath dust. No particular respiratory protection recommended.
Hand protection	After manipulation of the product, wash carefully hands.
Eye protection	Avoid contact with eyes. None protection is required.
Skin and body protection	Wear appropriate chemical resistant clothing to prevent repeated or prolonged skin contact. Wash soiled clothes before reusing them.
Thermal protection	No information available.

Environmental exposure controls

Environmental exposure controls	Avoid environmental contamination. Keep away from drains, surface and ground water.
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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Appearance	Solid, micro granules
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Colour	Brown/Red
Odour	Light organic flavour
Odour threshold	Not determined
pH	7 (solution 10%)
Melting point / freezing point	Not relevant
Initial boiling point and boiling range	Not relevant
Flash Point	Not relevant
Evaporation rate	Not relevant
Flammability (solid, gas)	Not determined
Upper / lower flammability or explosive limits	Not determined
Vapour pressure	Not determined
Vapour density	Not determined
Relative density	0,65 – 0,75
Solubility in water	Not known
Partition coefficient: n-octanol / water	Not known
Auto-ignition temperature	Not relevant
Decomposition temperature	Not relevant
Dynamic viscosity	Not concerned

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Explosive properties Dust can form an explosive mixture with the air.

Oxidising properties Does not meet the criteria for classification as oxidising.

9.2 Other information

Other information No other information available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Thermal decomposition No date available.

10.2 Chemical stability

Chemical stability The product is stable during recommended handling and storage at ambient temperatures.

10.3 Possibility of hazardous reactions

Possibility of hazardous reactions No available data.

10.4 Conditions to avoid

Conditions to avoid Avoid moisture (>10%) : can cause the fermentation.

10.5 Incompatible materials

Incompatible materials None known.

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10.6 Hazardous decomposition products**Hazardous
decomposition
products**

The mixture can be concerned by microbial fermentation.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****Acute oral toxicity**

No information available. Based on available data, the classification criteria are not met.

Acute inhalation toxicity

No information available. Based on available data, the classification criteria are not met.

Acute dermal toxicity

No information available. Based on available data, the classification criteria are not met.

**Skin irritation /
corrosion**

No information available. Based on available data, the classification criteria are not met.

**Serious eye damage /
irritation**

Possible irritation by mechanical effect.

**Respiratory
sensitisation**

No information available. Based on available data, the classification criteria are not met.

Skin sensitisation

No information available. Based on available data, the classification criteria are not met.

Carcinogenicity :

Does not contain any substances known to be carcinogenic.

Germ cell mutagenicity :

No information available. Based on available data, the classification criteria are not met.

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Reproductive toxicity and fertility :

Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity (single exposure / repeated exposure) :

Single Exposure : No information available. Based on available data, the classification criteria are not met.

Repeated Exposure : No information available. Based on available data, the classification criteria are not met.

Aspiration hazard:

The mixture does not present an aspiration hazard.

Other information

No other information available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

No data available for the mixture and the components.

Toxicity to fish	No information available.
Toxicity to aquatic invertebrates	No information available.
Toxicity to aquatic plants	No information available.
Toxicity to aquatic plants	No information available.
Toxicity for bees	No information available.

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Toxicity for earth-worms No information available.

Toxicity for birds No information available.

12.2 Persistence and degradability

Biodegradability The mixture is biodegradable by micro-organisms.

Koc No information available.

12.3 Bioaccumulative potential

Bioaccumulation Not known.

12.4 Mobility in soil

Mobility in soil No information available for the mixture.

12.5 Results of PBT and vPvB assessment

PBT and vPvB assessment No available information.

12.6 Other adverse effects

Additional ecological information No information available. See the label of the product for additional instructions concerning the precautions measures for the environment that have to be taken during the manipulation of the product.

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

Generalities	Handle non-cleaned product like it is the product itself. Avoid subsoil penetration. Do not mix the product or container with other waste.
Product	The unused product must be incinerated in an installation approved by the competent authorities.
Contaminated packaging	Do not reuse empty packaging. Not completely emptied packagings should be disposed of as hazardous waste. Dispose of contents / containers in accordance with local regulations.

SECTION 14: TRANSPORT INFORMATION

No classification for transport required.

ADR/RID/ADN

14.1 UN number	Not applicable.
14.2 Proper shipping name	Not applicable.
14.3 Transport hazard class(es)	Not applicable.
14.4 Packing group	Not applicable.
14.5 Environm. Hazardous Mark	Not applicable.

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

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IMDG

14.1 UN number	Not applicable.
14.2 Proper shipping name	Not applicable.
14.3 Transport hazard class(es)	Not applicable.
14.4 Packing group	Not applicable.
14.5 Marine pollutant	Not applicable.

IATA

14.1 UN number	Not applicable.
14.2 Proper shipping name	Not applicable.
14.3 Transport hazard class(es)	Not applicable.
14.4 Packing group	Not applicable.
14.5 Environm. Hazardous Mark	Not applicable.

14.6 Special precautions for user

No special precautions for user required.

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

Not concerned.

SECTION 15: REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Further information**

Conformity with REACH annexes	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) (as amended).
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- 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.

Conformity with CLP

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Specific provisions:

The mixture is in accordance with the Regulation EC 2003/2003 relative to fertilisers.

15.2 Chemical Safety Assessment

A chemical safety assessment is not required.

SECTION 16: OTHER INFORMATION

Text of the hazard statements (H sentences) mentioned in Sections 2 and 3:

Text of hazards classes and categories mentioned in Sections 2 and 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
ARfD	Acute Reference Dose
A.S	Active Substance
ATE	Acute toxicity estimate
BCF	Bioconcentration Factor

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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

Methods used for classification:

The classification of the product "PHOSTROGEN LAWN FEED" was calculated according to the methods described in EC 1272/2008 regulation, with regards to the dangers for the environment and for health.

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Further information:

Note from SBM Life Science: This SDS was elaborated according to the SDS of the producer of the product.

Purpose of the reviewing:

Initial version of the Safety Data Sheet.

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.