

PHOSTROGEN ORGANIC ALL PURPOSE PLANT FOOD
86225671

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 Creation Date: 08/06/2021
 Revision Date: 08/06/2021
 Version: 01 / UK & Ireland

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

Product Name PHOSTROGEN ORGANIC ALL PURPOSE PLANT FOOD
Product code 86601223
Market Authorization Number /
UFI Not concerned

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

Use Fertiliser
 NPK 6-3-6
 REACH PC 12

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

1.4 Emergency telephone number

	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:

Not classified

Health and Safety Hazards :

Not classified

Environmental Hazards :

Not classified

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 : None

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.
P261	Avoid breathing dust.
P270	Do not eat, drink or smoke when using this product.
P501	Dispose of contents/container in accordance with national regulation.

Additional mentions : None

Additional labelling : None

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2.3 Other hazards

Dusts at sufficient concentrations can form explosive mixtures with air.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not concerned.

3.2 Mixtures

Chemical nature

Hazardous components

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

None of the ingredients meet the requirements of the CLP Regulation.

Further information

For full text of H-statements and R sentences : 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.
Skin contact	Remove contaminated clothing and footwear. Flush skin with water. Wash with water and soap. In case of irritation or redness, get medical attention. Wash clothes before reuse.

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Ingestion Immediately rinse mouth and throat.
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 Solid particles trapped behind the eyelid may cause abrasive damage.

4.3 Indication of any immediate medical attention and special treatment needed

Hazards No available data.

Treatments No specific antidote known. Symptomatic treatment.

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

Suitable Carbon dioxide (CO₂), dry chemical, water spray, alcohol-resistant foam.

Unsuitable None known.

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.

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.

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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 contacts with skin and eyes.
Stop the source of the spill immediately if safe to do so.
Avoid dust generation.

For emergency responders Ensure adequate ventilation. Wear an adequate individual protective equipment.
Avoid any accumulation of electrostatic charge which may create a hazardous condition and cause an ignition.

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.
The dilute washings must be collected and reuse if possible as low-grade fertiliser.

Additional advice No additional advice.

6.4 Reference to other sections

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

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SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling**

Advice on safe handling	Avoid contact with skin and eyes. Wear appropriate clothing. Operate in well-ventilated areas.
Advice on protection against fire and explosion	As for all powdery organic products, avoid the accumulation of powders in the air to prevent formation of explosive mixtures. Avoid any accumulation of electrostatic charge which may create a hazardous condition and cause an ignition.
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 far from humidity. 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.
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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.

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For the substance :

Dust - inhalable -

OEL 8 hours = 10 mg/m³ – United Kingdom

Dust – respirable -

OEL 8 hours = 3 mg/m³ – United Kingdom**Further information:**

No further available information.

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 No particular respiratory protection recommended.

Hand protection After manipulation of the product, wash carefully hands.

Eye protection Avoid contact with eyes.

Skin and body protection Wear appropriate clothing to prevent repeated or prolonged skin contact.

Thermal protection No information available.

Environmental exposure controls

Environmental exposure controls Avoid environmental contamination. Keep away from drains, surface and ground water.

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

Physical state Granular

Colour Brown

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Odour Light organic flavour**Melting point / freezing point** Data not available**Boiling point or initial boiling point and boiling range** Not concerned**Flammability** Not determined**Lower and upper explosion limit** Not determined**Flash Point** Data not available**Auto-ignition temperature** Data not available**Decomposition temperature** Not relevant**pH** Not concerned**Kinematic viscosity** Not concerned**Solubility** Partly water soluble**Partition coefficient n-octanol/water (log value)** Data not available**Vapour pressure** Data not available**Density and/or relative density** 0,65**Relative vapour density** Not concerned**Particle characteristics** Data not available**9.2 Other information****Information with regard to physical hazard classes** No other information**Explosive properties** Data not available

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Oxidising properties Data not available

Other safety characteristics Data not 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.

Sensitive to microbiological deterioration.

10.3 Possibility of hazardous reactions

Possibility of hazardous reactions Avoid dust generation. Dusts at sufficient concentrations can form explosive mixtures with air.

10.4 Conditions to avoid

Conditions to avoid Avoid any accumulation of electrostatic charge which may create a hazardous condition and cause an ignition.

Avoid humidity during storage.

10.5 Incompatible materials

Incompatible materials Microbiological decomposition and mineralisation, uptake by living creatures.

10.6 Hazardous decomposition products

Hazardous decomposition products Not known.

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity	No information available. Based on available data, the classification criteria are not met. Nausea in case of swallow.
Acute inhalation toxicity	No information available. Based on available data, the classification criteria are not met. Powder may irritate respiratory tract in sensitive subject.
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. Slight irritation possible.
Serious eye damage / irritation	No information available. Based on available data, the classification criteria are not met. 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 :

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

Germ cell mutagenicity :

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

Reproductive toxicity and fertility :

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

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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:

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

11.2 Information on other hazards

Endocrine disrupting properties

No other information available.

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.
Toxicity for earth-worms	No information available.

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Toxicity for birds No information available.

12.2 Persistence and degradability

Biodegradability Decomposition by micro-organisms.

Koc No information available.

12.3 Bioaccumulative potential

Bioaccumulation Not known.

12.4 Mobility in soil

Mobility in soil Not known.

12.5 Results of PBT and vPvB assessment

PBT and vPvB assessment Data not available

12.6 Endocrine disrupting properties

Endocrine disrupting properties Data not available

12.7 Other adverse effects

Additional ecological information Inducing growth of algae.

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	Recycle material where possible. The unused product must be incinerated in an installation approved by the competent authorities.
Contaminated packaging	Do not reuse empty packaging. Rinse with water. Dilute washings should be recycled as low-grade fertiliser.

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	/

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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

No special precautions for user required.

14.7 Maritime transport in bulk according to IMO instruments

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** 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.
- 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).

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Specific provisions:

No specific provisions.

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
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 %

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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 organic All purpose" was calculated according to the methods described in EC 1272/2008 regulation, with regards to the dangers for the environment and for health.

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 : creation.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.
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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) 2020/878 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.