

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

Page 1/7

Phyter 0-28-19

Revision 3
Revision date 01-12-2022

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Phyter 0-28-19

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

Description Fertilizers.

1.3. Details of the supplier of the safety data sheet

Company	Omex Agriculture Ltd
Address	Bardney Airfield Tupholme Lincoln LN3 5TP United Kingdom
Web	www.omex.co.uk
Telephone	01526 396000
Fax	01526 396001
Email	enquire@omex.com
Email address of the competent person	Safety@omex.com

1.4. Emergency telephone number

Emergency telephone number 01526 396000
9 - 5 Mon - Fri

SECTION 2: Hazards identification

2.2. Label elements

Risk phrases No Significant Hazard

2.3. Other hazards

Other hazards No Significant Hazard.

SECTION 3: Composition/information on ingredients

3.1. Substances

Contains no hazardous ingredients.

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Potassium phosphite		13977-65-6			40 - 50%	

Description

Phyter 0-28-19

Revision 3
Revision date 01-12-2022

Description

	The product is classified as non hazardous.
--	---

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse eyes thoroughly (min. 15 mins.) with plenty of water holding the eyelids opened. Remove contact lenses if present and easy to do so. Continue rinsing. Seek medical attention if irritation or symptoms persist.
Skin contact	Wash affected area thoroughly with soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	DO NOT INDUCE VOMITING. Rinse mouth thoroughly. Never give anything by mouth to an unconscious person. Seek medical attention if irritation or symptoms persist.

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

Inhalation	May cause irritation to respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	May cause irritation to mucous membranes.

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

Inhalation	No first aid requirements. Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse eyes thoroughly (min. 15 mins.) with plenty of water holding the eyelids opened. Remove contact lenses if present and easy to do so. Continue rinsing. Seek medical attention if irritation or symptoms persist.
Skin contact	Seek medical attention if irritation or symptoms persist. Remove contaminated clothing. Wash affected area thoroughly with soap and water.
Ingestion	DO NOT INDUCE VOMITING. Rinse mouth thoroughly. Never give anything by mouth to an unconscious person. Seek medical attention if irritation or symptoms persist.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
--	---

5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
--	---

5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
--	---

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin.
--	--

6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
--	---

6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
--	---

6.4. Reference to other sections

	See section 2 & 3 for further information.
--	--

Phyter 0-28-19

Revision 3
Revision date 01-12-2022**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
--	--

7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.
--	--

7.3. Specific end use(s)

	Fertilizers.
--	--------------

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

	Contains no substances with occupational exposure limit values.
--	---

8.2. Exposure controls**8.2.1. Appropriate engineering controls**

	Ensure adequate ventilation of the working area.
--	--

8.2.2. Individual protection measures

	Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin.
--	---

Eye / face protection

	Eye protection to the E166 standard should be worn to minimise contact.
--	---

Skin protection - Handprotection

	Wear gloves. Gloves must be in accordance with EN374-3, tested with chemical K & L from the standard EN list. Gloves should have a minimum breakthrough time of 60 minutes for short-term handling operations. Consult with your glove supplier for advice on your specific requirements. Good glove hygiene and housekeeping practices should be followed.
--	---

Skin protection - Other

	Cover skin to minimise contact. Remove and wash contaminated clothing.
--	--

Respiratory protection

	Not normally required. Wear respiratory protection if ventilation is inadequate. Respiratory protection should meet EN149 for a half face mask or EN136 for a full face mask, associated filters should meet the EN14387 standard, type B or E. Contact your supplier for advice on your specific application.
--	--

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Phyter 0-28-19

Revision 3
Revision date 01-12-2022

9.1. Information on basic physical and chemical properties

Appearance	Aqueous solution
Colour	Colourless/Clear
Odour	Slight
Flammability (solid, gas)	No data available
pH	4.5 - 5.5
Odour threshold	Not relevant
Melting point	No data available
Explosive properties	No data available
Flash point	Not applicable.
Initial boiling point	No data available
Evaporation rate	No data available
Vapour density	No data available
Vapour pressure	No data available
Relative density	1.38 - 1.4 (H ₂ O = 1 @ 20 °C)
Autoignition temperature	No data available
Partition coefficient	No data available
Viscosity	No data available
Oxidising properties	No data available
Solubility	Soluble in water

9.2. Other information

Specific gravity	1.36 - 1.4 g/cm ³
VOC (Volatile organic compounds)	No data available
Conductivity	No data available
Gas group	No data available
Surface tension	No data available
Benzene Content	No data available
Lead content	No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No Significant Hazard.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No Significant Hazard.

10.4. Conditions to avoid

No Significant Hazard.

10.5. Incompatible materials

No Significant Hazard.

10.6. Hazardous decomposition products

No data is available on this product.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	No data is available on this product.
Skin corrosion/irritation	May cause irritation to skin.

Phyter 0-28-19

Revision 3
Revision date 01-12-2022

11.1. Information on toxicological effects

Serious eye damage/irritation	May cause irritation to eyes.
Respiratory or skin sensitisation	No data is available on this product.
Germ cell mutagenicity	No data is available on this product.
Carcinogenicity	No data is available on this product.
Reproductive toxicity	No data is available on this product.
STOT-single exposure	No data is available on this product.
STOT-repeated exposure	No data is available on this product.
Aspiration hazard	No data is available on this product.
Repeated or prolonged exposure	No data is available on this product.

11.1.3. Hazard Information

	No Significant Hazard.
--	------------------------

11.1.4. Toxicological Information

	No data available
--	-------------------

SECTION 12: Ecological information

12.1. Toxicity

	No data available
--	-------------------

12.2. Persistence and degradability

	No data is available on this product.
--	---------------------------------------

12.3. Bioaccumulative potential

Partition coefficient

	Phyter 0-28-19 No data available
--	----------------------------------

12.4. Mobility in soil

	No data is available on this product.
--	---------------------------------------

12.5. Results of PBT and vPvB assessment

	Caution - substance not yet fully tested.
--	---

12.6. Other adverse effects

	Caution - substance not yet fully tested.
--	---

Further information

	No data is available on this product.
--	---------------------------------------

SECTION 13: Disposal considerations

13.1. Waste treatment methods

	Dispose of in compliance with all local and national regulations.
--	---

Disposal methods

	Contact a licensed waste disposal company. Do not empty into drains; dispose of this material and its container in a safe way.
--	--

Disposal of packaging

	Do NOT reuse empty containers. Empty containers can be cleaned with water. Containers must be recycled in compliance with national legislation and environmental regulations.
--	---

Phyter 0-28-19

Revision 3

Revision date 01-12-2022

SECTION 14: Transport information**14.1. UN number**

The product is not classified as dangerous for carriage.

14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

14.4. Packing group

The product is not classified as dangerous for carriage.

14.5. Environmental hazards

The product is not classified as dangerous for carriage.

14.6. Special precautions for user

The product is not classified as dangerous for carriage.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

Further information

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Regulations**

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

SECTION 16: Other information**Other information****Revision**

This document differs from the previous version in the following areas:.

- 2 - Other hazards.
- 3 - 3.1. Substances.
- 4 - Skin contact.
- 4 - Eye contact.
- 4 - Inhalation.
- 4 - Ingestion.
- 4 - Inhalation.
- 4 - Ingestion.
- 4 - Eye contact.
- 4 - Skin contact.
- 4 - Ingestion.
- 6 - 6.1. Personal precautions, protective equipment and emergency procedures.
- 8 - Respiratory protection.
- 8 - Skin protection - Handprotection.
- 8 - Eye / face protection.

Phyter 0-28-19

Revision 3
Revision date 01-12-2022

Other information

8 - 8.2.2. Individual protection measures.
8 - 8.1. Control parameters.
8 - Skin protection - Other.
10 - 10.5. Incompatible materials.
11 - 11.1.4. Toxicological Information.
11 - Respiratory or skin sensitisation.
11 - Repeated or prolonged exposure.
11 - Aspiration hazard.
12 - 12.1. Toxicity.
12 - 12.4. Mobility in soil.
12 - 12.2. Persistence and degradability.
12 - 12.5. Results of PBT and vPvB assessment.
12 - 12.6. Other adverse effects.
13 - General information.
13 - 13.1. Waste treatment methods.

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.