

# Safety data sheet

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BASF Safety data sheet according to Regulation UK SI 2019/758 and UK SI 2020/1577 as amended from time to time.

Date / Revised: 14.03.2023

Version: 2.0

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Product: **Vizura®**

(ID no. 30642972/SDS\_GEN\_GB/EN)

Date of print 05.09.2024

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

### 1.1. Product identifier

**Vizura®**

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

Relevant identified uses: soil/plant amendment

### 1.3. Details of the supplier of the safety data sheet

Company:BASF SE  
67056 Ludwigshafen  
GERMANYContact address:BASF plc  
4th and 5th Floors, 2 Stockport Exchange  
Railway Road, Stockport, SK1 3GG  
UNITED KINGDOM

Telephone: +44 161 475 3000

E-mail address: product-safety-uk-and-ireland@basf.com

### 1.4. Emergency telephone number

International emergency number:

Telephone: +49 180 2273-112

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## SECTION 2: Hazards Identification

### 2.1. Classification of the substance or mixture

For the classification of the mixture the following methods have been applied: extrapolation on the concentration levels of the hazardous substances, on basis of test results and after evaluation of experts. The methodologies used are mentioned at the respective test results.

According to GB-CLP Regulations UK SI 2019/720 and UK SI 2020/1567

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Met. Corr. 1	H290 May be corrosive to metals.
Acute Tox. 4 (oral)	H302 Harmful if swallowed.
Skin Corr./Irrit. 1B	H314 Causes severe skin burns and eye damage.
Eye Dam./Irrit. 1	H318 Causes serious eye damage.
Repr. 2	H361f Suspected of damaging fertility.
Repr. 2	H361d Suspected of damaging the unborn child.
STOT RE 2	H373 May cause damage to organs (Nasal cavity, Salivary gland) through prolonged or repeated exposure.

For the classifications not written out in full in this section the full text can be found in section 16.

## 2.2. Label elements

According to GB-CLP Regulations UK SI 2019/720 and UK SI 2020/1567

Pictogram:



Signal Word:

Danger

Hazard Statement:

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H314	Causes severe skin burns and eye damage.
H373	May cause damage to organs (Nasal cavity, Salivary gland) through prolonged or repeated exposure.

Precautionary Statement:

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.

Precautionary Statements (Prevention):

P280	Wear protective gloves, protective clothing and eye protection or face protection.
P260	Do not breathe mist or vapour.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P270	Do not eat, drink or smoke when using this product.
P234	Keep only in original packaging.
P264	Wash contaminated body parts thoroughly after handling.

Precautionary Statements (Response):

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P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or physician.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308 + P313	IF exposed or concerned: Get medical attention.
P301 + P330 + P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P363	Wash contaminated clothing before reuse.
P390	Absorb spillage to prevent material damage.

Precautionary Statements (Storage):

P405 Store locked up.

P406 Store in a corrosion-resistant container with a resistant inner liner.

Precautionary Statements (Disposal):

P501 Dispose of contents and container to hazardous or special waste collection point.

Hazard determining component(s) for labelling: 1H-Pyrazole, 3,4-dimethyl-, phosphate (1:1), phosphoric acid ... %, orthophosphoric acid ... %

### 2.3. Other hazards

According to GB-CLP Regulations UK SI 2019/720 and UK SI 2020/1567

See section 12 - Results of PBT and vPvB assessment.

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

Product does not contain a substance above legal limits included in the list established in accordance with Article 59(1) of Regulation (EC) No 1907/2006 for having endocrine disrupting properties or is identified to have endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

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## SECTION 3: Composition/Information on Ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Chemical nature

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soil improver

### Hazardous ingredients (GHS)

#### | 1H-Pyrazole, 3,4-dimethyl-, phosphate (1:1)

Content (W/W): < 20 %

CAS Number: 202842-98-6

EC-Number: 424-640-9

REACH registration number: 01-0000017109-71

Acute Tox. 4 (oral)

Eye Dam./Irrit. 2

Repr. 2 (fertility)

Repr. 2 (unborn child)

STOT RE (Nasal cavity, Salivary gland) 2

H319, H302, H361fd, H373

#### | phosphoric acid ... %, orthophosphoric acid ... %

Content (W/W): < 40 %

CAS Number: 7664-38-2

EC-Number: 231-633-2

REACH registration number: 01-2119485924-24

INDEX-Number: 015-011-00-6

Met. Corr. 1

Acute Tox. 4 (oral)

Skin Corr./Irrit. 1B

Eye Dam./Irrit. 1

H290, H302, H314

Specific concentration limit:

Skin Corr./Irrit. 1B: >= 25 %

Eye Dam./Irrit. 2: 10 - < 25 %

Skin Corr./Irrit. 2: 10 - < 25 %

For the classifications not written out in full in this section, including the hazard classes and the hazard statements, the full text is listed in section 16.

## **SECTION 4: First-Aid Measures**

### **4.1. Description of first aid measures**

First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing.

Show container, label and/or safety data sheet to physician.

If inhaled:

Keep patient calm, remove to fresh air, seek medical attention. Immediately administer a corticosteroid from a controlled/metered dose inhaler.

On skin contact:

Immediately wash thoroughly with plenty of water, apply sterile dressings, consult a skin specialist.

On contact with eyes:

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Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:

Do not induce vomiting. Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

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

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11., (Further) symptoms and / or effects are not known so far

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

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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## **SECTION 5: Fire-Fighting Measures**

### **5.1. Extinguishing media**

Suitable extinguishing media:

water spray, dry powder, foam, carbon dioxide

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

Endangering substances: carbon monoxide, Carbon dioxide, nitrogen oxides, Phosphorus compounds, phosphorus oxides

Advice: The substances/groups of substances mentioned can be released in case of fire.

### **5.3. Advice for fire-fighters**

Special protective equipment:

Wear self-contained breathing apparatus and chemical-protective clothing.

Further information:

Keep containers cool by spraying with water if exposed to fire. In case of fire and/or explosion do not breathe fumes. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

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## **SECTION 6: Accidental Release Measures**

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

Do not breathe vapour/spray. Use personal protective clothing. Avoid contact with the skin, eyes and clothing.

### **6.2. Environmental precautions**

Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater.

Do not allow contamination of public drains or surface or ground waters. Inform local water plc if spillage enters drains and the Environment Agency (England & Wales), the Scottish Environmental

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Protection Agency (Scotland), or the Environment and Heritage Service (Northern Ireland) if it enters surface or ground waters. Keep people and animals away.

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

For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).

For large amounts: Dike spillage. Pump off product.

Dispose of absorbed material in accordance with regulations. Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations.

### 6.4. Reference to other sections

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

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## SECTION 7: Handling and Storage

### 7.1. Precautions for safe handling

No special measures necessary if stored and handled correctly. Ensure thorough ventilation of stores and work areas. When using do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift.

Protection against fire and explosion:

No special precautions necessary. The substance/product is non-combustible. Product is not explosive.

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

Segregate from foods and animal feeds.

Further information on storage conditions: Keep away from heat. Protect from direct sunlight.

### 7.3. Specific end use(s)

For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

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## SECTION 8: Exposure Controls/Personal Protection

### 8.1. Control parameters

Components with occupational exposure limits

7664-38-2: phosphoric acid ... %, orthophosphoric acid ... %
TWA value 1 mg/m <sup>3</sup> (WEL/EH 40 (UK))
STEL value 2 mg/m <sup>3</sup> (WEL/EH 40 (UK))
TWA value 1 mg/m <sup>3</sup> (OEL (EU))
indicative

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STEL value 2 mg/m<sup>3</sup> (OEL (EU))  
indicative  
STEL value 2 mg/m<sup>3</sup> (WEL/EH 40 (UK))  
Ceiling limit value/factor: 15 min

Refer to the current edition of HSE Guidance Note EH40 Occupational Exposure Limits (United Kingdom). For normal use and handling refer to the product label/leaflet. In all other cases the following apply.

## 8.2. Exposure controls

### Personal protective equipment

Respiratory protection:

Suitable respiratory protection for lower concentrations or short-term effect: Combination filter for gases/vapours of organic, inorganic, acid inorganic, alkaline compounds and toxic particles (e. g. EN 14387 Type ABEK-P3)

Hand protection:

Suitable chemical resistant safety gloves (EN ISO 374-1) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN ISO 374-1): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) etc.

Eye protection:

Tightly fitting safety goggles (cage goggles) (e.g. EN 166) and face shield.

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

### General safety and hygiene measures

Wearing of closed work clothing is recommended. Handle in accordance with good industrial hygiene and safety practice. Store work clothing separately. Keep away from food, drink and animal feeding stuffs.

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## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

Form: liquid  
Colour: yellow to orange  
Odour: faint, smoky  
Odour threshold:  
Not determined due to potential health hazard by inhalation.

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pH value:	approx. 0.5 - 1 (20 °C) (measured with the undiluted substance)	
Melting point:	approx. -28 °C	
Boiling point:	approx. 106 °C	(OECD Guideline 103)
Flash point:	> 90 °C No flash point - Measurement made up to the indicated temperature, pilot light extinguishes.	(Regulation 440/2008/EC, A.9)
Evaporation rate:	not applicable	
Flammability:	not applicable	
Lower explosion limit:	As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.	
Upper explosion limit:	As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.	
Ignition temperature:	approx. 674 °C	(Regulation 440/2008/EC, A.15)
Vapour pressure:	approx. 23 hPa (approx. 20 °C) Information applies to the solvent.	
Density:	approx. 1.23 g/cm <sup>3</sup> (20 °C)	(Directive 92/69/EEC, A.3)
Relative vapour density (air):	not applicable	
Solubility in water:	miscible	
Partitioning coefficient n-octanol/water (log Kow):	not applicable	
Thermal decomposition:	220 - 250 °C, 50 kJ/kg, (DSC (OECD 113)) Not a substance liable to self-decomposition according to UN transport regulations, class 4.1.	
Viscosity, dynamic:	approx. 5 mPa.s (20 °C)	
Explosion hazard:	Based on the chemical structure there is no indication of explosive properties.	(UN Test 1 (a) UN Gap Test)
Fire promoting properties:	Based on its structural properties the product is not classified as oxidizing.	(UN Test O.2 (oxidizing liquids))



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## 9.2. Other information

Other Information:

If necessary, information on other physical and chemical parameters is indicated in this section.

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## SECTION 10: Stability and Reactivity

### 10.1. Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Corrosion to metals: Corrosive effect on metals. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

### 10.2. Chemical stability

The product is stable if stored and handled as prescribed/indicated.

### 10.3. Possibility of hazardous reactions

No hazardous reactions if stored and handled as prescribed/indicated.

### 10.4. Conditions to avoid

See SDS section 7 - Handling and storage.

### 10.5. Incompatible materials

Substances to avoid:

strong acids, strong bases, strong oxidizing agents

### 10.6. Hazardous decomposition products

Hazardous decomposition products:

No hazardous decomposition products if stored and handled as prescribed/indicated.

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## SECTION 11: Toxicological Information

### 11.1. Information on toxicological effects

#### Acute toxicity

Assessment of acute toxicity:

Of moderate toxicity after single ingestion. Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact. The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: 1H-Pyrazole, 3,4-dimethyl-, phosphate (1:1)*

*Experimental/calculated data:*

*LD50 rat (oral): > 200 - < 2,000 mg/kg (Guideline 92/69/EEC, B.1)*

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| *Information on: phosphoric acid ... %, orthophosphoric acid ... %*

*Experimental/calculated data:*

*LD50 rat (oral): 2,000 mg/kg (OECD Guideline 423)*

*Information on: 1H-Pyrazole, 3,4-dimethyl-, phosphate (1:1)*

*Experimental/calculated data:*

*LC50 rat (by inhalation): > 5.5 mg/l 4 h (OECD Guideline 403)*

*Tested as dust aerosol.*  
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*Information on: 1H-Pyrazole, 3,4-dimethyl-, phosphate (1:1)*

*Experimental/calculated data:*

*LD50 rat (dermal): > 5,000 mg/kg (OECD Guideline 402)*

#### Irritation

Assessment of irritating effects:

Corrosive! Damages skin and eyes. May cause severe damage to the eyes. The product has not been tested. The statement has been derived from the properties of the individual components.

| *Information on: phosphoric acid ... %, orthophosphoric acid ... %*

*Assessment of irritating effects:*

*Corrosive! Damages skin and eyes.*

| *Information on: 1H-Pyrazole, 3,4-dimethyl-, phosphate (1:1)*

*Experimental/calculated data:*

*Skin corrosion/irritation*

| *rabbit: non-irritant (OECD Guideline 404)*

| *Information on: phosphoric acid ... %, orthophosphoric acid ... %*

*Experimental/calculated data:*

*Skin corrosion/irritation*

| *rabbit: Corrosive. (OECD Guideline 404)*

*Skin corrosion/irritation*

| *rabbit: Corrosive. (Draize test)*

*Literature data.*

| *Information on: 1H-Pyrazole, 3,4-dimethyl-, phosphate (1:1)*

*Experimental/calculated data:*

*Serious eye damage/irritation*

*rabbit: Irritant. (OECD Guideline 405)*

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### Respiratory/Skin sensitization

Assessment of sensitization:

There is no evidence of a skin-sensitizing potential. The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: 1H-Pyrazole, 3,4-dimethyl-, phosphate (1:1)*

*Experimental/calculated data:*

*Guinea pig maximization test guinea pig: Non-sensitizing. (OECD Guideline 406)*

### Germ cell mutagenicity

Assessment of mutagenicity:

The product has not been tested. The statement has been derived from the properties of the individual components. Mutagenicity tests revealed no genotoxic potential.

### Carcinogenicity

Assessment of carcinogenicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: 1H-Pyrazole, 3,4-dimethyl-, phosphate (1:1)*

*Assessment of carcinogenicity:*

*A carcinogenic potential cannot be excluded after prolonged exposure to concentrations which can cause organ toxicity. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.*

### Reproductive toxicity

Assessment of reproduction toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: 1H-Pyrazole, 3,4-dimethyl-, phosphate (1:1)*

*Assessment of reproduction toxicity:*

*The results of animal studies suggest a fertility impairing effect.*

### Developmental toxicity

Assessment of teratogenicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: 1H-Pyrazole, 3,4-dimethyl-, phosphate (1:1)*

*Assessment of teratogenicity:*

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*Indications of possible developmental toxicity/teratogenicity were seen in animal studies.*  
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#### Specific target organ toxicity (single exposure)

Assessment of STOT single:

Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

Remarks: The product has not been tested. The statement has been derived from the properties of the individual components.

#### Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: 1H-Pyrazole, 3,4-dimethyl-, phosphate (1:1)*

*Assessment of repeated dose toxicity:*

*Repeated oral exposure may affect certain organs.*

| *Information on: phosphoric acid ... %, orthophosphoric acid ... %*

| *Assessment of repeated dose toxicity:*

*The substance may lead to shifts in blood composition following repeated exposure in animal experiments.*

#### Aspiration hazard

No aspiration hazard expected.

The product has not been tested. The statement has been derived from the properties of the individual components.

#### Other relevant toxicity information

Misuse can be harmful to health.

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## SECTION 12: Ecological Information

### 12.1. Toxicity

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms.

The product has not been tested. The statement has been derived from the properties of the individual components.

| *Information on: 1H-Pyrazole, 3,4-dimethyl-, phosphate (1:1)*

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*Toxicity to fish:*

| LC50 (96 h) > 100 mg/l, *Brachydanio rerio* (OECD Guideline 203, static)  
The details of the toxic effect relate to the nominal concentration.

| Information on: 1H-Pyrazole, 3,4-dimethyl-, phosphate (1:1)

*Aquatic invertebrates:*

| EC50 (48 h) > 100 mg/l, *Daphnia magna* (Directive 79/831/EEC, static)  
The details of the toxic effect relate to the nominal concentration.

| Information on: 1H-Pyrazole, 3,4-dimethyl-, phosphate (1:1)

*Aquatic plants:*

| EC50 (72 h) 25 mg/l (growth rate), *Scenedesmus subspicatus* (Guideline 92/69/EEC, C.3, static)  
| The statement of the toxic effect relates to the analytically determined concentration. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

| No observed effect concentration (72 h) 5.7 mg/l (growth rate), *Scenedesmus subspicatus* (Guideline 92/69/EEC, C.3, static)

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition. The statement of the toxic effect relates to the analytically determined concentration.

| Information on: 1H-Pyrazole, 3,4-dimethyl-, phosphate (1:1)

*Chronic toxicity to fish:*

| No observed effect concentration (33 d) >= 10 mg/l, *Pimephales promelas* (OECD Guideline draft, Flow through.)  
The details of the toxic effect relate to the nominal concentration.

| Information on: 1H-Pyrazole, 3,4-dimethyl-, phosphate (1:1)

*Chronic toxicity to aquatic invertebrates:*

| No observed effect concentration (21 d) 25 mg/l, *Daphnia magna* (OECD Guideline 211, semistatic)  
The details of the toxic effect relate to the nominal concentration.

## 12.2. Persistence and degradability

Assessment biodegradation and elimination (H<sub>2</sub>O):

The product has not been tested. The statement has been derived from the properties of the individual components.

| Information on: 1H-Pyrazole, 3,4-dimethyl-, phosphate (1:1)

*Assessment biodegradation and elimination (H<sub>2</sub>O):*

Was found to be potentially biodegradeable. Poorly eliminated from water. Not readily biodegradable (by OECD criteria).

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### 12.3. Bioaccumulative potential

Assessment bioaccumulation potential:

The product has not been tested. The statement has been derived from the properties of the individual components.

| *Information on: 1H-Pyrazole, 3,4-dimethyl-, phosphate (1:1)*

| *Bioaccumulation potential:*

| *Bioconcentration factor (BCF): 1.2 (14 d), Pimephales promelas (OECD Guideline 305 E)*

### 12.4. Mobility in soil

Assessment transport between environmental compartments:

Adsorption in soil: The product has not been tested. The statement has been derived from the properties of the individual components.

| *Information on: 1H-Pyrazole, 3,4-dimethyl-, phosphate (1:1)*

| *Assessment transport between environmental compartments:*

| *Volatility: The substance will not evaporate into the atmosphere from the water surface.*

| *Adsorption in soil: Adsorption to solid soil phase is not expected.*

### 12.5. Results of PBT and vPvB assessment

The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

### 12.6. Other adverse effects

The product does not contain substances that are listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer.

### 12.7. Additional information

Other ecotoxicological advice:

Do not discharge product into the environment without control.

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## SECTION 13: Disposal Considerations

### 13.1. Waste treatment methods

Must be disposed of or incinerated in accordance with local regulations.

| Must be disposed of or incinerated in accordance with local regulations.

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BASF Safety data sheet according to Regulation UK SI 2019/758 and UK SI 2020/1577 as amended from time to time.

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The UK Environmental Protection (Duty of Care) Regulations (EP) and amendments should be noted (United Kingdom).

This product and any uncleaned containers must be disposed of as hazardous waste in accordance with the 2005 Hazardous Waste Regulations and amendments (United Kingdom)

Contaminated packaging:

Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

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## SECTION 14: Transport Information

### Land transport

ADR

UN number or ID number: UN1805  
UN proper shipping name: PHOSPHORIC ACID SOLUTION  
Transport hazard class(es): 8  
Packing group: III  
Environmental hazards: no  
Special precautions for user: Tunnel code: E

RID

UN number or ID number: UN1805  
UN proper shipping name: PHOSPHORIC ACID SOLUTION  
Transport hazard class(es): 8  
Packing group: III  
Environmental hazards: no  
Special precautions for user: None known

### Inland waterway transport

ADN

UN number or ID number: UN1805  
UN proper shipping name: PHOSPHORIC ACID SOLUTION  
Transport hazard class(es): 8  
Packing group: III  
Environmental hazards: no  
Special precautions for user: None known

Transport in inland waterway vessel

Not evaluated

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### Sea transport

#### IMDG

UN number or ID number: UN 1805  
UN proper shipping name: PHOSPHORIC ACID SOLUTION  
Transport hazard class(es): 8  
Packing group: III  
Environmental hazards: no  
Marine pollutant: NO

Special precautions for user:

### Air transport

#### IATA/ICAO

UN number or ID number: UN 1805  
UN proper shipping name: PHOSPHORIC ACID SOLUTION  
Transport hazard class(es): 8  
Packing group: III  
Environmental hazards: No Mark as dangerous for the environment is needed  
Special precautions for user: None known

#### **14.1. UN number or ID number**

See corresponding entries for "UN number or ID number" for the respective regulations in the tables above.

#### **14.2. UN proper shipping name**

See corresponding entries for "UN proper shipping name" for the respective regulations in the tables above.

#### **14.3. Transport hazard class(es)**

See corresponding entries for "Transport hazard class(es)" for the respective regulations in the tables above.

#### **14.4. Packing group**

See corresponding entries for "Packing group" for the respective regulations in the tables above.

#### **14.5. Environmental hazards**

See corresponding entries for "Environmental hazards" for the respective regulations in the tables above.

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



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See corresponding entries for "Special precautions for user" for the respective regulations in the tables above.

#### 14.7. Maritime transport in bulk according to IMO instruments

Maritime transport in bulk is not intended.

#### Further information

This product is subject to the most recent edition of "The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations" and their amendments (United Kingdom).

### SECTION 15: Regulatory Information

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

##### Prohibitions, Restrictions and Authorizations

Annex XVII of Regulation (EC) No 1907/2006: Number on List: 3, 75

Restrictions of Regulation (EC) No 1907/2006, Annex XVII, do not apply for the intended use(s) of the product given in this SDS.

Directive 2012/18/EU - Control of Major Accident Hazards involving dangerous substances (EU):  
Listed in above regulation: no

The data should be considered when making any assessment under the Control of Substances Hazardous to Health Regulations (COSHH), and related guidance, for example, 'COSHH Essentials' (United Kingdom).

#### 15.2. Chemical Safety Assessment

Assessment of safe use has been performed for the mixture and the result is documented in section 7 and 8 of the SDS

### SECTION 16: Other Information

Full text of the classifications, including the hazard classes and the hazard statements, if mentioned in section 2 or 3:

Met. Corr.	Corrosive to metals
Acute Tox.	Acute toxicity
Skin Corr./Irrit.	Skin corrosion/irritation
Eye Dam./Irrit.	Serious eye damage/eye irritation
Repr.	Reproductive toxicity
STOT RE	Specific target organ toxicity — repeated exposure
H290	May be corrosive to metals.
H302	Harmful if swallowed.

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H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H314	Causes severe skin burns and eye damage.
H373	May cause damage to organs (Nasal cavity, Salivary gland) through prolonged or repeated exposure.
H319	Causes serious eye irritation.

#### Abbreviations

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road.  
 ADN = The European Agreement concerning the International Carriage of Dangerous Goods by Inland waterways. ATE = Acute Toxicity Estimates. CAO = Cargo Aircraft Only. CAS = Chemical Abstract Service. CLP = Classification, Labelling and Packaging of substances and mixtures. DIN = German national organization for standardization. DNEL = Derived No Effect Level. EC50 = Effective concentration median for 50% of the population. EC = European Community. EN = European Standards. IARC = International Agency for Research on Cancer. IATA = International Air Transport Association. IBC-Code = Intermediate Bulk Container code. IMDG = International Maritime Dangerous Goods Code. ISO = International Organization for Standardization. STEL = Short-Term Exposure Limit. LC50 = Lethal concentration median for 50% of the population. LD50 = Lethal dose median for 50% of the population. TLV = Threshold Limit Value. MARPOL = The International Convention for the Prevention of Pollution from Ships. NEN = Dutch Norm. NOEC = No Observed Effect Concentration. OEL = Occupational Exposure Limit. OECD = Organization for Economic Cooperation and Development. PBT = Persistent, Bioaccumulative and Toxic. PNEC = Predicted No Effect Level. PPM = Parts per million. RID = The European Agreement concerning the International Carriage of Dangerous Goods by Rail. TWA = Time Weight Average. UN-number = UN number at transport. vPvB = very Persistent and very Bioaccumulative.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

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Vertical lines in the left hand margin indicate an amendment from the previous version.