

# Vizura®

**Nitrogen stabiliser for slurry and liquid biogas digestate waste**  
**Contains 1H-pyrazole, 3.4 dimethyl-phosphate (1:1), PHOSPHORIC ACID**  
**The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.**

## SAFETY PRECAUTIONS

### Operator protection

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

**WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.**

However, engineering controls may replace personal protective equipment if a COSHH assessment shows that they provide an equal or higher standard of protection.

### Storage and disposal

**KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.**

**KEEP OUT OF REACH OF CHILDREN. RINSE CONTAINER THOROUGHLY** by using an integrated pressure rinsing device or manually rinsing three times.

Store in a suitable pesticide store. Keep dry and protect from frost.

Add washings to sprayer at time of filling and dispose of container safely.

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UK Marketing Company and authorisation holder:  
BASF plc, 4th and 5th Floors, 2 Stockport Exchange, Railway Road,  
Stockport SK1 3GG, UK, Telephone: 0044 (0) 161 475 3000

Irish Marketing Company:  
BASF Ireland Limited, 4th and 5th Floors, 2 Stockport Exchange, Railway  
Road, Stockport SK1 3GG, UK, Telephone: 0044 (0) 161 475 3000

Emergency Information (24 hours freephone): Tel: 0049 180 227 3112  
Technical Enquiries: 0044 (0)845 602 2553 (office hours)

® = Registered trademark of BASF

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## **Danger**

**May be corrosive to metals.**

**Causes severe skin burns and eye damage.**

**Suspected of damaging fertility. Suspected of damaging the unborn child.**

**May cause damage to organs through prolonged or repeated exposure.**

**Harmful to aquatic life with long lasting effects.**

Keep out of reach of children.

Read label before use.

Obtain special instructions before use.

Keep only in original packaging.

Do not breathe mist or vapour.

Wash contaminated body parts with water and soap thoroughly after handling.

Wear protective gloves and eye/face protection.

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTRE or doctor/physician.

Absorb spillage to prevent material damage.

Store locked up.

Store in corrosive resistant container with a resistant inner liner.

Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste.

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



## DIRECTIONS FOR USE

Vizura is a nitrogen stabiliser that improves the Nitrogen Use Efficiency of slurry and liquid biogas digestate waste.

Vizura contains the active substance DMPP which has been developed by BASF to delay the conversion of ammonium to nitrate in the soil.

The nitrogen in slurry and liquid biogas digestate is mainly in the form of ammonium. Once in the soil, ammonium is rapidly converted to nitrate depending on temperature, soil moisture and soil condition. Nitrate is not readily adsorbed onto soil and so if it is not taken up by roots it can easily be 'leached' down the soil profile by rainfall and hence lost to drainage water.

The addition of Vizura to the slurry or liquid digestate waste significantly delays the conversion rate of ammonium to nitrate. This means that the nitrogen, in the form of ammonium, remains in the rooting zone and available for plant uptake for a significantly longer period of time. This is beneficial to plant physiology and subsequently crop yield and quality. The benefit of using Vizura is particularly pronounced when the risk of nitrate leaching is greatest e.g. during periods of high rainfall following the application of slurry or liquid digestate on lighter, sandier soils.

### Application recommendations:

Application Rate:	Spreading Technology and Timing Advice
3 l/ha	When slurry or liquid digestate is incorporated to a depth of over 20cm (e.g. ploughing) and for all applications in late summer and autumn.
2 l/ha	When slurry or liquid digestate is incorporated to a depth of between 0-20cm in the spring (e.g. trailing hose, trailing shoe, or soil groove technique), as well as direct incorporation by cultivator or disc harrow.

### General Application Instructions / Liability:

The information in this product information is based on our present knowledge and experience. Due to the abundance of possible influences during the processing and application of our product, they do not exempt the user from their own tests and trials. Since the storage and application are outside our control, and we can not foresee all the relevant conditions, they do not exempt the user from their own tests and trials. Various influencing factors, in particular locally or regionally, can influence the effect of the product. These include, e.g. weathering and soil conditions, treatment dates, application rates, application technology, etc. Under particularly unfavourable conditions, a change in effectiveness cannot be ruled out. We or our sales partners are not liable for such consequences. Any proprietary rights, existing laws and regulations as well as the product information must be observed by the user of our product on his own responsibility. All information and information contained herein are subject to change without notice.

## Section 6 of the Health and Safety at Work Act

### Additional Product Safety Information

The information on this label is based on the best available information including data from test results.

### UK Safety Data Sheet

To access the Safety Data Sheet for this product scan the QR code or use the weblink below:



[agricentre.basf.co.uk/Vizura/MSDS](http://agricentre.basf.co.uk/Vizura/MSDS)

Alternatively, contact your supplier.

### Ireland Safety Data Sheet

To access the Safety Data Sheet for this product scan the QR code or use the weblink below:



[agricentre.basf.ie/Vizura-IE/MSDS](http://agricentre.basf.ie/Vizura-IE/MSDS)

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