

## Safety data sheet

### N 14.5 Urease solution

Date of exchange: 28-09-2016

Date of revision: 27-02-2019  
Version: 1.1.0

#### **PUNKT 1: POINT 1: Identification of the substance/mixture and of the company/undertaking**

##### 1.1. Product identifier

**Trade name:** N 14.5 Urease solution

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

**Recommended use:** Fertiliser

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

**Company:** Ontrade.pl sp. z o.o.  
**Address:** os. Akademickie 3/38; 31-866 Cracow  
**City:** Cracow  
**Country:** Poland  
**E-mail:** biuro@ontrade.pl  
**Phone:** (+48) 883 761 621  
**Website:** www.ontrade.pl

#### **POINT 2: Identification of risks**

##### 2.1. Classification of the substance or mixture

**CLP classification:** According to the classification and labelling rules for substances and mixtures, the product is not classified as hazardous.

**Main risks:** May cause slight skin and eye irritation.

##### 2.2. Elements of signage

According to the classification and labelling rules for substances and mixtures, the product is not classified as hazardous.

**Ontrade.pl Sp. Z o.o.**

Tel.: (+48) 883 761 621 email: [biuro@ontrade.pl](mailto:biuro@ontrade.pl) [www.ontrade.pl](http://www.ontrade.pl)

os. Akademickie 3/38; 31-866 Kraków

NIP 6751563439; REGON 365694327

## Supplementary information

2.3. The product is not classified as hazardous according to the classification and labelling rules for substances and mixtures.

## 2.4. Other risks

The product does not contain any PBT or vPvB substances.

### POINT 3: Composition/information on ingredients

#### 3.2. Mixtures

Name	No. CAS	No. WE	REACH- registration number	Concentration	Comments	CLP- classification
Urea	57-13-6	200-315-5		<45%		

For an overview of the topic of returns, see section 16.

### POINT 4: First aid measures

#### 4.1. Description of first aid measures

- Breathing:** Get some fresh air. If discomfort persists, seek medical attention. Symptoms of poisoning may take several hours to appear. Persons who have inhaled the fumes should remain under medical supervision for at least 48 hours.
- Consumption:** Rinse the mouth thoroughly and drink 1-2 glasses of water in small sips. If symptoms persist, seek medical advice.
- Skin contact:** Remove contaminated clothing. Wash the skin with water. Seek medical advice if symptoms persist.
- Eye contact:** If the product gets in your eyes, flush them with water (preferably with an eye wash) until irritation ceases.
- If irritation persists, seek medical advice.
- General comments:** When visiting your doctor, take the safety data sheet or label with you.

#### 4.2. Main symptoms and effects, both acute and delayed

May be slightly irritating to skin and eyes.

#### 4.3. Indication of whether immediate medical attention and special treatment is needed

Treatment of symptoms. No special immediate treatment is necessary.

### POINT 5: Firefighting

#### 5.1. Extinguishing agents

**Suitable extinguishing media:** Extinguish with powder, foam or water mist. Use water or water mist to cool unburned stock.

**Unsuitable extinguishing agents:** Do not use a jet of water as this may spread the fire.

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

In the event of fire, the product breaks down and the following dangerous gases may be formed: nitrogen gases/sulphur oxides.

#### 5.3. Instructions to firefighters

If this can be done safely, remove containers from the fire risk area. Avoid inhaling fumes and smoke - seek fresh air. Wear chemical resistant breathing masks and gloves.

### POINT 6: Precautions in case of unintentional release into the environment

#### 6.1. Personal safety measures, personal protective equipment and emergency procedures

**For non-assistance personnel:** Stop the spill if it can be done safely. Wear safety goggles if there is a risk of splashing into your eyes.

**For personnel providing assistance:** In addition to the above, normal reaction clothing complying with EN 469 is recommended.

#### 6.2. Environmental protection measures

Spillages should not be discharged into drains and/or surface water.

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

Spillages should be contained and collected with sand or other absorbent material and then transferred to suitable waste containers. Small spills shall be wiped up with a cloth.

**Ontrade.pl Sp. z o.o.**

Tel.: (+48) 883 761 621 email: [biuro@ontrade.pl](mailto:biuro@ontrade.pl) [www.ontrade.pl](http://www.ontrade.pl)

os. Akademickie 3/38; 31-866 Kraków

NIP 6751563439; REGON 365694327

#### 6.4. Reference to other points

For information on the type of protection, see section 8. For information on waste disposal, see section 13.

### POINT 7: Handling and storage of waste

#### 7.1. Precautions for safe handling

The product should be used under well-ventilated conditions. Access to running water and eye wash should be provided. Wash hands before breaks, toilet visits and at the end of work.

#### 7.2. Conditions for safe storage, including information on possible incompatibilities

Store the product safely, out of the reach of children, near food, feed, medication, etc. Do not expose to heat (e.g. sunlight). Do not store with the following: strong acids/strong alkalis.

#### 7.3. Special applications

None.

### POINT 8: Exposure controls/personal protection measures

#### 8.1. Control parameters

<b>Threshold</b>	Does not contain substances subject to reporting requirements.
<b>Legal basis:</b>	Regulation on limit values for substances and materials No 507/2011 as last amended by No 986/2012 At-Guideline C.0.1 on limit values for substances and materials, August 2007.

#### 8.2. Exposure controls

<b>Appropriate exposure controls:</b>	Use protective equipment in accordance with the following recommendations.
<b>Personal protective equipment, eye/face protection:</b>	Protective goggles should be worn if there is a risk of splashing into the eyes. Eye protection should be in accordance with EN 166
<b>Personal protective</b>	Not required.

**equipment, skin protection:**

**Personal protective equipment, hand protection:** Plastic or rubber gloves are recommended.

**Personal protective equipment, respiratory protection:** Not required.

**Environmental exposure controls:** Ensure compliance with local waste disposal regulations.

## POINT 9: Physical and chemical properties

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

Parameters	Value/unit
Product condition	Liquid
Colour	Transparent/Yellowish
Smell	Aminoglycosite
Solubility	No data available
Explosive properties	No data available
Oxidising properties	No data available

Parameters	Value/unit	Comments
pH in solution	No data available	neutral
pH Concentrate	8,5	
Melting point	No data available	
Freezing point	No data available	
Initial boiling point and temperature range wrzenia	No data available	
Flash point	No data available	
Evaporation rate	No data available	
Flammability (solid, gas)	No data available	
Ignition limits	No data available	
Explosion limits	No data available	
Vapour pressure	No data available	
Vapour density	No data available	
Relative density	1,1	
Partition coefficient n-octanol/water	No data available	
Auto-ignition temperature	No data available	
Decomposition temperature	150-200 °C	
Viscosity	No data available	
Odour threshold	No data available	

**Ontrade.pl Sp. Z o.o.**

Tel.: (+48) 883 761 621 email: [biuro@ontrade.pl](mailto:biuro@ontrade.pl) [www.ontrade.pl](http://www.ontrade.pl)

os. Akademickie 3/38; 31-866 Kraków

NIP 6751563439; REGON 365694327

## 9.2 Other information

Other information none

### POINT 10: Stability and reactivity

#### 10.1. Reactivity

Reacts with the following substances: strong acids/strong bases.

#### 10.2. Chemical stability

The product is stable when used according to the supplier's instructions.

#### 10.3. Risk of dangerous reactions

Nobody knew.

#### 10.4. Conditions to avoid

Avoid heating and contact with sources of ignition.

#### 10.5. Materials to avoid

Strong acids/strong alkalis.

#### 10.6. Hazardous decomposition products

In the event of fire or strong heating, the product decomposes and the following hazardous gases may be formed: nitrous gases/sulphur oxides.

### POINT 11: Toxicological information

#### 11.1. Information on toxicological effects

**Acute toxicity – swallowing:** Swallowing large amounts can cause discomfort. The product is not subject to classification. Test data are not available

**Acute toxicity - skin:** The product is not subject to classification. Test data are not available.

**Acute toxicity - inhalation:** The product is not subject to classification. Test data are not available.

**Skin corrosion/irritation:** May be irritating after prolonged skin contact. The product is not subject to classification. Test data are not available.

**Serious eye damage/irritation:** Transient irritation. The product is not subject to classification. Test data are not available.

**Respiratory or skin** The product is not subject to classification. Test data are not

---

#### Ontrade.pl Sp. z o.o.

Tel.: (+48) 883 761 621 email: [biuro@ontrade.pl](mailto:biuro@ontrade.pl) [www.ontrade.pl](http://www.ontrade.pl)

os. Akademickie 3/38; 31-866 Kraków

NIP 6751563439; REGON 365694327

<b>sensitisation:</b>	available.
<b>Mutagenic effects on cells:</b>	The product is not subject to classification. Test data are not available.
<b>Cancer risk:</b>	The product is not subject to classification. Test data are not available.
<b>Reproductive toxicity:</b>	The product is not subject to classification. Test data are not available.
<b>Single exposure STOT:</b>	There are no hazardous vapours above the product. The product is not subject to classification. Test data are not available
<b>Repeated exposure STOT:</b>	The product is not subject to classification. Test data are not available.
<b>Aspiration hazard:</b>	The product is not subject to classification. Test data are not available.
<b>Other toxicological effects:</b>	Nobody knew.

## **POINT 12: Environmental information**

### **12.1. Toxicity**

The product is not subject to classification. Test data are not available.

### **12.2. Persistence and degradability**

Survey data are not available.

### **12.3. Bioaccumulative potential**

Study data are not available.

### **12.4. Mobility in soil**

Study data are not available.

### **12.5. Results of PBT and vPvB assessment**

The product does not contain PBT or vPvB substances

### **12.6. Other negative effects**

Nobody knew.

## POINT 13: Conditions relating to disposal

### 13.1. Waste treatment methods

Avoid release to the environment. The product is not a hazardous waste as defined by the Waste Act. It is recommended to dispose of spills and waste through the municipal waste disposal system according to the following recommendations. Empty, cleaned packaging should be sent for recycling. Uncleaned packaging should be disposed of via the local waste disposal system.

**Waste categories:** EWC code: depending on industry and use, e.g. 02 01 09  
agrochemical waste other than those mentioned in 02 01 08

Product-contaminated sorbents/wipes: EWC code: 15 02 03  
absorbents, filter materials, wiping cloths and protective  
clothing other than those mentioned in 15 02 02.

## POINT 14: Transport information

**14.1. UN number:** Not applicable.

**14.2. UN proper shipping name:** Not applicable.

**14.3. Transport hazard class(es):** Not applicable.

**14.4. Packing group:** Not applicable.

**14.5 Environmental risks:** Not applicable.

### 14.6. Special precautions for the user

None.

### 14.7. Transport of bulk cargoes according to MARPOL Annex II and the IBC Code

Not applicable.



**POINT 15: Information on legislation****15.1. Special provisions/legislation for the substance or mixture with regard to safety, health and environment**

<b>Special provisions:</b>	None
----------------------------	------

**15.2. Chemical safety assessment**

<b>Other information:</b>	A chemical safety assessment has not been carried out.
---------------------------	--------------------------------------------------------

**POINT 16: Other information**

**Abbreviations:** PBT: Persistent, bioaccumulative and toxic vPvB: Very persistent and very bioaccumulative STOT: Toxicity to target organs

**Other information:** This safety data sheet has been prepared for and applies only to this product. It is based on our current knowledge and the information the supplier was able to provide on the product at the time of preparation. The safety data sheet complies with the current legislation on the preparation of safety data sheets 1907/2006/EC (REACH) as amended.

**Recommended training:** A thorough knowledge of this safety data sheet should be a basic requirement

**Classification method:** Calculations based on the hazards of known components.

**Additional information:**

Recommendations are based on current test results, comparative analysis with other products with similar properties.

The above information is based on the current state of knowledge and is intended only to describe the product with respect to health, safety and environmental requirements. Each user is responsible for any use of the product other than that for which it is intended and in accordance with the rules of practice..

Accessibility of the information contained in this document: it should be available to everyone who comes into contact with the product. The information contained in this sheet is

reliable. However, it is provided without warranties being deemed binding. In addition to Ontrade.co.uk's control options are the conditions, methods of handling, storage, use or disposal of the product. This safety data sheet has been compiled to provide information on health, safety and environmental protection. It is not a product specification and cannot be considered to be a representation of the data covered by the specification.

The product is placed on sale pursuant to Article 5 of the Act of 10 July 2007 on fertilisers and fertilisation, Dz.U. 2020, item 796, as amended.