



SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 of 18.12.2006 - REACH as amended

Date of issue: 16.05.2015
Date of update: 30.09.2022

version: 3.0/EN

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

1.1. | Product identifier

Trade name Compost accelerator fertilizer

Catalogue number 225 260 765

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

1.2.1. Relevant identified uses of the substance or mixture

Main use category Granulated mineral fertilizer accelerating the composting of organic waste.

1.2.2. Uses advised against

Any other use that is outside the scope of the product instruction use.

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

Company identification Agrecol Sp. z o.o.
Mesznary 2, 98-400 Wieruszów, POLAND
Tel./ Fax: +48 62 78 32 000

e-mail address (competent person): agrecol@agrecol.pl

1.4. | Emergency telephone number

Manufacturer +48 62 78 32 000 (7:00 am -15:00 pm)

General emergency telephone 112

SECTION 2: Hazards identification

2.1. | Classification of the substance or mixture

Classification of the mixture in accordance with Regulation (EC) 1272/2008 [CLP]

Mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

2.2. | Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Pictograms identifying the type of hazard

Signal word	Not applicable
Hazardous ingredients	Not applicable
Hazard statements	Not applicable
Precautionary Statements:	Not applicable
P102	Keep out of the reach of children.
Supplemental information on hazards	Not applicable
Tactile warning of danger	Not applicable
Child resistant closure	Not applicable

2.3. | Other hazards

The mixture does not meet the PBT or vPvB criteria.

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SECTION 3: Composition/information on ingredients

3.1. | Substances

Not applicable.

3.2. | Mixtures

Name	Content %	Product identifier	Classification in accordance with Regulation (EC) No 1272/2008	SCL, M factor, ATE
Urea	< 70	CAS Number: 57-13-6 EC number: 200-315-5 Index number: no data available registration number: 01-2119463277-33-0025	No classification	-

Full text of all classifications and H-phrases is given in section 16.

SECTION 4: First aid measures

4.1. | Description of first aid measures

General notes:

Move the casualty to fresh air. In the event of any alarming symptoms, call a doctor immediately or take the casualty to the hospital, show the packaging or label of the product.

Following inhalation:
Following skin contact:

Take out the casualty to fresh air and keep at rest. Consult a doctor if you feel unwell.
Wash contaminated skin with soap and plenty of running water. If irritation persists, consult a physician.

Following eye contact:

Rinse contaminated eyes (holding the eyelids apart) for at least 15 minutes with running water. Consult an ophthalmologist if you feel unwell.

Following ingestion:

If swallowed, give the casualty a large amount of water to drink. Do not induce vomiting and seek medical attention immediately.

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

Symptoms: no information.

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

There is no specific antidote. Treat symptomatically.

The decision on how to proceed is made by the doctor after assessing the condition of the injured person.

SECTION 5: Firefighting measures

5.1. | Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam or dry chemical powder, carbon dioxide (snow extinguisher), sand or earth. Use extinguishing methods appropriate to the surrounding conditions.

Unsuitable extinguishing media: A sharp stream of water.

5.2. | Special hazards arising from the substance or mixture

Hazard combustion products: Fire produces vapors and fumes hazardous to health, containing toxic decomposition products, e.g. ammonia, nitrogen oxides.

5.3. | Advice for firefighters

Firefighting instructions: Appropriate breathing apparatus may be necessary.



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Protection during firefighting

Do not enter the fire zone without protective equipment and breathing apparatus.

Other information

Avoid contamination of surface and ground waters.

SECTION 6: Accidental release measures

6.1. | Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment

Wear suitable protective clothing, suitable gloves and goggles or face shield.

Remove from the danger area people who are not involved in the clearing of the accident.

Accident prevention methods

Evacuate personnel to a safe place. Do not inhale vapors of the product.

6.1.2. For emergency responders

Protective equipment

Wear adequate protection for the body, head and hands.

6.2. | Environmental precautions

Avoid contamination of soil, surface and ground waters, prevent contamination of sewage systems.

6.3. | Methods and material for containment and cleaning up

Do not allow run-off from fire fighting to runoff to sewage system or watercourses. Notify authorities if liquid enters sewers or public waters.

6.3.1. Bunding, covering of drains, capping procedures

If possible, stop the leak.

6.3.2. Cleaning up

Rinse small amounts of spilled material with water. Sprinkle large amounts of the released product with absorbent material (sand, diatomaceous earth, sawdust) and collect it into a labeled waste container. Rinse the leakage thoroughly with water.

6.3.3. Other information

Avoid contamination of surface waters.

6.4. | Reference to other sections

Personal protection: section 8.

Waste treatment methods: section 13.

SECTION 7: Handling and storage

7.1. | Precautions for safe handling

7.1.1. Additional hazards during processing

Store in original container or an approved alternative container made of compatible material and tightly closed when not in use.

7.1.2. Precautions for safe handling

Put on appropriate personal protective equipment (see section 8). Avoid contact with eyes, skin, or clothing. Avoid direct contact of the preparation with the eyes and mouth. Do not breathe dust / spray. Do not eat, drink or smoke in areas where the product is used. Wash hands and any exposed areas with mild soap and water before leaving work. Remove contaminated clothing and shoes. Clean equipment and clothing after work.

7.2. | Conditions for safe storage, including any incompatibilities

Technical measures

Store in a tightly closed container in a dry, cool, well-ventilated place at a temperature of 0 ° C to 30 ° C.

Storage conditions

Keep away from food, drink and animal feed. Protect against moisture.

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7.3. | Specific end use(s)

Fertiliser.

SECTION 8: Exposure controls/personal protection

8.1. | Control parameters

The product does not contain substances that are subject to exposure control in the work environment (Poland) according to the Regulation of the Minister of Labor and Social Policy of June 12, 2018. on the maximum allowable concentrations and intensities of factors harmful to health in the work environment (Journal of Laws 2018, item 1286, as amended).

DNEL (employees):

		Short-term exposure	Long-term exposure
Urea			
	Oral	-	-
	Skin	-	580 mg/ kg b.w./ day
	Inhalation	-	2926 mg/ m ³

DNEL (population):

		Narażenie krótkotrwałe	Długa ekspozycja
Urea			
	Oral	-	42 mg/kg b.w../ day
	Skin	-	580 mg/ kg b.w../ day
	Inhalation	-	292 mg/ m ³

8.2. | Exposure controls

8.2.1. Appropriate engineering controls

The encapsulation of the process and the isolation of work positions are the most effective technical means of protection. The range of measures used is selected depending on the actual risks during the use of the product. In the event of the formation of mists or vapors use exhaust remover/active ventilation. In conditions where exposure cannot be eliminated by engineering and technical measures or they are ineffective, use additional personal protective equipment. Monitor exposure and apply all possible technical measures to maintain the concentrations of the product in the work environment below the recommended limit values.

8.2.2. Individual protection measures, such as personal protective equipment

Eye and face protection	Not required for normal use.
Hand protection	Use hand protection selected according to the working conditions.
Skin protection	Wear protective clothing as appropriate to the workplace conditions and the permeation properties. Wash contaminated skin with soap and water.
Respiratory protection	Not required for normal use.
Thermal hazards	Not applicable.

8.2.3. Environmental exposure controls

Prevent it from spreading in the environment and entering drains and water courses.

SECTION 9: Physical and chemical properties

9.1. | Information on basic physical and chemical properties

a)	Physical state at 20 °C	solid
b)	Colour:	burgundy colour

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c)	Odour	Product specific
d)	Melting point/ freezing point	Not defined
e)	Boiling point or initial boiling point and boiling range	No data available
f)	Flammability	No data available
g)	Lower and upper explosion limit	Not applicable
h)	Flash point	Not applicable
i)	Auto-ignition temperature	Not applicable
j)	Decomposition temperature	No data available
k)	pH	6,4 ± 1
l)	Kinematic viscosity	Not applicable
m)	Solubility	Dissolves in water.
n)	Partition coefficient n-octanol/water (log value)	Not applicable
o)	Vapour pressure	No data available
p)	Density and/or relative density	0,822 ± 0,05 g/cm ³
q)	Relative vapour density	Not applicable
r)	Particle characteristics	No data available

9.2. | Other information

No additional information available.

SECTION 10: Stability and reactivity

10.1. | Reactivity

No additional information available.

10.2. | Chemical stability

The product is stable under normal handling and storage conditions.

10.3. | Possibility of hazardous reactions

In normal conditions - not present.

10.4. | Conditions to avoid

No additional information available.

10.5. | Incompatible materials

No additional information available.

10.6. | Hazardous decomposition products

During combustion or thermal decomposition, toxic and irritating product vapors may be released.

SECTION 11: Toxicological information

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

a) acute toxicity oral: None

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inhalation: None

dermal: None

Urea	
LD ₅₀ orally (rat)	>2000 mg/kg

b) skin corrosion/ irritation	Based on the available data, the classification criteria are not met.
c) serious eye damage/ irritation	Based on the available data, the classification criteria are not met..
d) respiratory or skin sensitisation	Based on the available data, the classification criteria are not met.
e) germ cell mutagenicity	Based on the available data, the classification criteria are not met.
f) carcinogenicity	Based on the available data, the classification criteria are not met.
g) reproductive toxicity	Based on the available data, the classification criteria are not met.
h) STOT- single exposure	Based on the available data, the classification criteria are not met..
i) STOT – repeated exposure	Based on the available data, the classification criteria are not met.
j) aspiration hazard	Based on the available data, the classification criteria are not met.

11.2. | Information on other hazards

The product does not contain substances included in the list established in accordance with Art. 59 sec. 1, with endocrine disrupting properties and substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

SECTION 12: Ecological information

12.1. | Toxicity

Toxicity: The product has not been classified as hazardous to the environment.

Ammonium nitrate	
LC ₅₀ for fish	>6810 mg/l/96h

12.2. | Persistence and degradability

Abiotic degradation	No data available
Physical and photochemical elimination	No data available
Biodegradation	No data available

12.3. | Bioaccumulative potential

Does not accumulate.

12.4. | Mobility in soil

Known or predicted distribution in environmental compartments	No data available
Surface tension	No data available
Adsorption/desorption	No data available

12.5. | Results of PBT and vPvB assessment

Product does not contain any substances assessed as PBT or vPvB.



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12.6. | Endocrine disrupting properties

The mixture does not contain substances with properties that disrupt the functioning of the endocrine system for the environment

12.7. | Other adverse effects

No additional information available.

SECTION 13: Disposal considerations

13.1. | Waste treatment methods

Product

Waste disposal methods: The generation of waste should be avoided or minimized wherever possible. Significant amounts of waste product should not be discharged into the sanitary sewer. It should be transferred to entities that have obtained a permit from the competent authority for the collection, recovery or disposal of waste. Disposal of this product should always comply with environmental protection requirements and legislation related to waste disposal, as well as with the requirements of local authorities. Dispose of contents / container to properly labeled waste containers in accordance with national regulations. The used product should be treated as municipal waste.

Waste codes: Proposed code: 02 01 09 (Agrochemical waste other than those mentioned in 02 01 08 *).

Packaging

Waste disposal methods: The generation of waste should be avoided or minimized wherever possible. Only completely emptied packaging waste should be recycled

Special precautions: Dispose of the product and its packaging in a safe manner. Empty containers or their liners may retain product residue. Avoid the release of spilled material, runoff / spreading into the soil or contact with soil, surface and groundwater, drains and sewage systems. The product and empty product packaging are subject to selective waste collection.

Waste codes: Proposed code: 15 01 01 (paper and cardboard packaging).
15 01 02 (plastic packaging).

13.1.1. Relevant Community provisions

Community legal acts:

Directive 2018/851, Directive 2018/852

National legal acts (Poland):

Act of 13 June 2013 on the management of packaging and packaging waste (i.e. Journal of Laws of 2021, item 1114).

The Act of 14 December 2012 on waste (i.e. Journal of Laws of 2021, item 779).

Regulation of the Minister of Climate of 2 January 2020 on the waste catalog (Journal of Laws of 2020, item 10).

SECTION 14: Transport information

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not applicable, product is not classified as dangerous during transport.				
14.2. UN proper shipping name				
Not applicable, product is not classified as dangerous during transport.				

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14.3. Transport hazard class(es)
Not applicable, product is not classified as dangerous during transport.
14.4. Packing group
Not applicable, product is not classified as dangerous during transport.
14.5. Environmental hazards
Not applicable, product is not classified as dangerous during transport.
14.6. Special precautions for user
Not applicable, product is not classified as dangerous during transport.
14.7. Maritime transport in bulk according to IMO instruments
Not applicable, product is not classified as dangerous during transport.

SECTION 15: Regulatory information

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

15.1.1. EU regulations

Regulation (EC) No. 1907/2006 of December 18, 2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing the 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 1272/2008 of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548 / EEC and 1999/45 / EC, and amending Regulation (EC) No 1907 / 2006.

Commission Regulation (EU) 2020/878 of 18 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

Commission Delegated Regulation (EU) 2017/2100 of 4 September 2017 establishing scientific criteria for the determination of endocrine disrupting properties in accordance with Regulation (EU) No 528/2012 of the European Parliament and of the Council.

Commission Regulation (EU) 2018/605 of 19 April 2018 amending Annex II to Regulation (EC) No 1107/2009 by establishing scientific criteria for the determination of endocrine disrupting properties.

Regulation (EU) 2019/1009 of the European Parliament and of the Council of 5 June 2019 laying down rules for the making available on the market of EU fertilising products, amending Regulations (EC) No 1069/2009 and (EC) No 1107/2009 and repealing Regulation (EC) no. 2003/2003.

Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors, amending Regulation (EC) No 1907/2006 and repealing Regulation (EU) No 98/2013 (OJ .U. L 186, 11/07/2019, pp. 1-20).

Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686 / EEC.

Directive of the European Parliament and of the Council of Directive (EU) 2018/851 of the European Parliament and of the Council of 30 May 2018 on waste.

Directive (EU) 2018/852 of the European Parliament and of the Council of 30 May 2018 on packaging and packaging waste.

15.1.2. National regulations (Poland)

Act on substances and their mixtures of 25 February 2011 ((i.e. Journal of Laws of 2020, item 2289 as amended).

Regulation of the Minister of Labor and Social Policy of June 12, 2018 on the highest allowable concentrations and intensities of factors harmful to health in the work environment. (Journal of Laws of 2018, item 1286, as amended).

Act of December 14, 2012 on waste (i.e. Journal of Laws of 2021, item 779 as amended).

Act of 13/06/2013 on the management of packaging and packaging waste (i.e. Journal of Laws of 2020, item 1114 as amended).

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Government Statement of February 15, 2021 on the entry into force of amendments to Annexes A and B to the Agreement on the International Carriage of Dangerous Goods by Road (ADR), drawn up in Geneva on September 30, 1957 (i.e. Journal of Laws of 2021, ., item 874 as amended).

Regulation of the Minister of Climate of 2 January 2020 on the waste catalog (Journal of Laws of 2020, item 10).

Act of 19.08. 2011 on the transport of dangerous goods (i.e. Journal of Laws of 2021, item 756 as amended).

Classification of dangerous goods in accordance with the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR).

Regulation of the Minister of Labor and Social Policy of September 26, 1997. on general provisions on health and safety at work. (Journal of Laws of 2003, No. 169, item 1650, as amended)

Regulation of the Minister of Health of December 30, 2004 on occupational health and safety related to the presence of chemical agents in the workplace. (i.e. Journal of Laws of 2016, item 1488).

Regulation of the Minister of Health of 24 July 2012 on substances, preparations, agents or technological processes having a carcinogenic or mutagenic effect in the work environment (i.e. Journal of Laws of 2021, item 2235).

15.2. | Chemical safety assessment

The supplier has not carried out a chemical safety assessment for the substance / mixture.

SECTION 16: Other information

Full text of H and EUH phrases

Not applicable.

Abbreviations and acronyms

EC number	EINECS, ELINCS or NLP is the official number of the substance within the European Union
CAS number	Numerical designation assigned to the chemical by the US Chemical Abstracts Service
PBT	Designation for persistent, bioaccumulative and toxic substances
vPvB	Designation of very persistent substances, very bioaccumulative
LD50	Lethal dose for 50% of the research population (median lethal dose)
LC50	Lethal concentration for 50% of the research population
NDS	The highest permissible concentration
STEL	The highest permissible instantaneous concentration
NDSP	The highest permissible ceiling concentration
DNEL	Derived no effect level
NOAEL	The highest dose of the substance at which no side effects are observed
PNEC	Predicted No Effect Concentration
ADR	European agreement on the international carriage of dangerous goods by road
IATA	International Air Transport Association
IMDG	International maritime transport of dangerous goods
ADN	European agreement concerning the international carriage of dangerous goods by inland waterways
RID	Regulations for the international carriage of dangerous goods by rail

Indication of changes

Update of the safety data sheet in accordance with Commission Regulation (EU) 2020/878.

Amendments to Sections 2, 3, 8, 9, 10, 11, 12, 14, 15, 16 to Version 3.0 / PL of the SDS



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Key literature references and source of data

Annex II to Commission Regulation (EU) 2020/878

Legal provisions cited in section 15 of the safety data sheet.

Information from the Chemical Substances Bureau.

Safety data sheets for producers of substances and mixtures.

Classification and procedure used to derive the classification for mixture according to Regulation (EC) 1272/2008 (CLP)

Based on the computational method.

Training recommendations

Before starting work with the product, it is obligatory to subject employees to health and safety training in connection with the presence of chemical agents in the work environment. Conduct, document and familiarize employees with the results of occupational risk assessment in the workplace related to the presence of chemical agents

Further information

The information contained in the safety data sheet applies only to the product mentioned in the title. The data contained in the data sheet should be considered only as an aid to the safe use of the product. Since the conditions of storage, transport and use are beyond our control, they cannot constitute legal guarantees. In any case, the statutory provisions and any rights of third parties must be respected. The card is not an assessment of workplace hazards. The product should not be used for purposes other than those specified in section 1 without first consulting the manufacturer.

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