



Registered office: Mun. Campina, Str. Drumul Taberei nr. 46, cam.11, et.1, Jud. Prahova;
ORC J29/636/27.04.2020; CUI 20796950; Registered capital: RON 21,401,400;
office@cemrom.ro; CEC Bank, account: RO58CECEIF0130RON4291874
place of business: Str. Industriala nr.2A, Sat Luminita, com Corbu, Jud. Constanta

SECURITY DATA SHEET

in compliance with the (EU) Regulation 2020/878 amending the (EC) Regulation no. 1907/2006 (REACH),
respectively in compliance with the (EC) Regulation no. 1272/2008 (CLP)

Product: **AGROCALCIUM GRANULATED**
PFC 2 **ALKALINE MINERAL AMENDMENT**

Revision 4 from 15.11.2023

Replacing all previous revisions

SECTION 1: IDENTIFICATION OF SUBSTANCE/MIXTURE AND COMPANY/ENTERPRISE

1.1 Product identifier:

Agrocalcium Granulated – Alkaline mineral amendment

Product function category: PFC2 - in compliance with the (EU) Regulation 1009/2019

Agrocalcium granulated is exempted from REACH registration in compliance with art. 2 para 7(b) and the Appendix V para 7.

CAS 471-34-1

EINECS 207-439-9

1.2 Relevant uses identified of the substance or mixture and counterindicated uses

Agrocalcium granulated is a material under the form of pellets, with dimensions between 1-5 mm, yellowish white, used as a fertiliser in agriculture.

1.3 Details regarding the supplier of the Security Data Sheet

SC CEMROM SA, Str. Industriala, Corbu, Jud. Constanta

Tel/Fax: 0372189271/0372189270; e-mail: office@cemrom.ro

1.4 Emergency telephone number

Emergency phone number: 112

Producer phone: 0372189271 (Monday thru Friday between 08.00 – 16.00)

The Office for International Sanitary Regulations and Toxicological Information – 0213183606 (Monday thru Friday between 08.00 – 15.00)

SECTION 2

2.1 Classification of the substance or mixture

2.1.1 In compliance with the (EC) Regulation no. 1272/2008 (CLP)

It is not a dangerous substance in compliance with the (EC) Regulation no. 1272/2008

2.2 Elements for the label

2.2.1 In compliance with the (EC) Regulation no. 1272/2008 (CLP)

Danger phrases

It is not a dangerous substance in compliance with the (EC) Regulation no. 1272/2008

Additional danger statements

Security data sheet available by request

2.3 Other dangers

Unknown

SECTION 3: COMPOSITION/INFORMATION REGARDING THE COMPONENTS

3.1 Substances

Calcium carbonate (lime stone) (nr. CAS 471-34-1, EINECS 207-439-9) and other constituents of geological origin present in small amounts varying depending on the source, e.g. $MgCO_3$, SiO_2 , Al_2O_3 , Fe_2O_3 .

Lime stone is exempted from REACH registration in compliance with art. 2 para 7(b) and the Appendix V para 7.

3.2 Mixtures

n/a

SECTION 4: FIRST-AID MEASURES

4.1 Description of first-aid measures

No individual protection equipment is necessary for those providing first-aid.

In case of eye contact

In case of eye contact, wash the eyes immediately with plenty of water for 15-20 minutes, with the eye-lids opened. Remove the contact lens, if any. Keep rinsing. Contact an occupational physician or an ophthalmologist.

In case of contact with the skin

Wash the skin with plenty of water. Take off the clothing and footwear contaminated and clean them before re-using.

In case of inhalation

Take the person out into the open. The dust from the throat and nasal airways must be cleaned out immediately. Contact a physician if irritation persists.

In case of ingestion

Do not induce vomiting. Wash the mouth with water and drink lots of water. If the case may be, request medical assistance.

4.2 Most important symptoms and effects, both acute and delayed

The contact of eyes with granulated Agrocalcium may cause severe lesions.

4.3 Indications regarding any kind of immediate medical assistance and special care necessary

When contacting a physician make sure to take with you this Security Data Sheet.

SECTION 5: FIRE PROTECTION MEASURES

5.1 Fire extinction means

Agrocalcium granulated does not imply fire hazards and no limitations are given to the fire extinction agents.

5.2 Special dangers caused by the substance or mixture in the case

Agrocalcium granulated is not combustible and does not explode and also neither sustains nor facilitates the combustions of other materials.

5.3 Recommendations for the firefighters

No special equipment is needed for the firefighters.

SECTION 6: MEASURES TO BE TAKEN IN CASE OF ACCIDENTAL DISPERSION

6.1 Personal precautions, protection equipment and emergency procedures

Avoid dust inhalation. Evacuate the contaminated area and observe the procedures valid in such situations.

For the personnel involved in emergency situations: wear the protection equipment described at Section 8 and follow the handling information from Section 7. Emergency procedures are not necessary.

6.2 Precautions for the environment

No special preventive measures are necessary.

6.3 Methods and materials for fire isolation and cleanliness

Recover the material poured in dry condition by vacuum cleaning to avoid dispersion into the air. DO not use compressed air. The operators must wear individual protection equipment. Pellets spreading must be prevented.

Avoid the inhalation of dust and the contact with the skin. Put the material collected into a container/box for eventual usage or disposal.

6.4 Reference to other Sections

See Section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for handling in security conditions

When using Agrocalcium granulated, the following protection equipment is recommended:

- to avoid inhalation – in case of dusting use a face mask
- to avoid eye contamination – use adequate goggles against dust and fluid materials
- to avoid the contact with the skin – use protection clothing and adequate protection gloves

7.2 Conditions of storage under security conditions, including eventual incompatibilities

Agrocalcium granulated is stored in dry and clean silos.

Do not enter enclosed spaces: silos, store-room, transport means containing Agrocalcium granulated, without taking safety measures. Agrocalcium granulated may fall from the walls of the silo, store-room.

The products packed must be stored in sacks closed without contact with the soil, within dry and cool spaces, to avoid degradation or spreading. Sacks must be stored so that capsizing risk should be avoided.

Protection measures in case of storage in common places: to be kept separately from food and drinks.

7.3 Specific final usage

In compliance with section 1.2

SECTION 8: CONTROLS OF EXPOSURE/PERSONAL PROTECTION

8.1 Control parameters

Denomination	Limit value (8 hours)	Legislation	Note
Pellets without specific effect	10 mg/cubic meter	HG 1218/2006 – appendix 4, as eventually modified and completed	Inhalable fraction

8.2 Exposure controls

8.2.1 Proper technical controls

Measures are taken to reduce the generation and propagation of dust into the air, to avoid dispersion into the air.

8.2.2 Individual protection measures and individual protection equipment

Do not eat, drink, smoke when you work with Agrocalcium granulated, to avoid contact with the skin and the mouth.

After working with Agrocalcium granulated, clean the protection equipment

The protection of the eyes/face



Use adequate protection goggles when you handle Agrocalcium granulated to prevent contact with the eyes.

Skin protection



Use water-proof abrasive gloves, lined with cotton at the interior, protection clothing and footwear, and skin-care products.

Respiratory protection



When a person is exposed at dust levels over the exposure limits, use the individual equipment for respiratory protection. Use an adequate protection.

8.2.3 Control of environment exposure

The control of dust emissions must be performed in compliance with the regulations in force. In the situation of accidental spreading, Agrocalcium granulated will be collected.

Take measures so that the material should not reach the water, sewage systems, surface water, etc.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information regarding the basic physical and chemical properties

Shape:	pellets
Colour:	yellowish white
Odour:	odourless
Odour acceptance threshold:	Not applicable
Solubility into water:	1,4 %
N-octanol/water partition coefficient:	No information available
Spontaneous combustion temperature:	No information available
Explosive properties:	Not classified as explosive
Oxidizing properties:	None
Density:	0,9-1,1 g/cm ³
Ph (T = 20°C in water)	8 – 9
Melting point:	> 600 °C
Boiling temperature:	Not applicable
Ignition point:	No data available
Evaporation speed:	Not applicable
Inflammability (solid, gas):	Not inflammable
Upper/lower explosion limit:	Not applicable
Vapour pressure:	Not applicable
Relative vapour density:	Not applicable
Relative density:	No data available
Density:	0,900 g/cm ³
Solubility into water:	Partially soluble
N-octanol/water partition coefficient:	No data available
Spontaneous combustion temperature:	No data available
Decomposition temperature:	The product is not decomposed if stored and used according to the rules.

Dynamic viscosity:	Not applicable
Cinematic viscosity:	Not applicable
Explosive properties:	Not explosive
Oxidizing properties:	The product is not oxidant

9.2 Other information

Not applicable

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

The product is not decomposed if stored and used according to the rules.

10.2 Chemical stability

The product is chemically stable if stored and used according to the rules.

10.3 Possibility of dangerous reactions

No dangerous reaction is known under normal usage conditions.

10.4 Conditions to be avoided

In contact with the air or moisture it is degraded. Over 600 °C, calcium carbonate is decomposed and it forms the calcium oxide (CaO) and the carbon dioxide (CO₂).

10.5 Materials incompatible

No data available

10.6 Dangerous decomposition products

No data available

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information regarding the hazard classes defined in the (EC) Regulation 1272/2008

Acute toxicity	No data available
Acute toxicity by inhalation	No data available
Acute skin toxicity	No data available
Skin corrosion/irritation	No data available
Serious damage to eyes/eye irritation	No data available
Sensitisation of respiratory ways/skin	No data available
Mutagenity of germinative cells	Does not contain any dangerous ingredients
Carcinogenity	Does not contain any carcinogenic ingredients
Toxicity for reproduction	
Effects on fertility	No toxicity for reproduction
Effects on unborn child development	Does not contain toxic ingredients for reproduction
STOT (Specific Target Organs Toxicity) – single exposure	
The substance is not classified as toxic specific for the target organs, single exposure	
STOT (Specific Target Organs Toxicity) – repeated exposure	
The substance is not classified as toxic specific for the target organs, repeated exposure	
Aspiration hazard	based on the data available, the classification criteria are not met

11.2 Information regarding other hazards

Properties of endocrine disrupter no data available

Additional information: the product does not contain substances classified as potentially dangerous for health in concentrations which should be considered in compliance with the EC Directives.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity – toxicity for fish

The product is not toxic. The product is not dangerous for the environment.

12.2 Persistence and degradability

Not applicable

12.3 Bio-accumulation potential

Not applicable

12.4 Mobility in the soil

Not applicable

12.5 Results of the PBT and vPvB evaluation

Not applicable

12.6 Properties of endocrine disrupter

No data available

12.7 Other adverse effects

Not applicable

SECTION 13: CONSIDERATIONS REGARDING DISPOSAL

13.1 Methods of waste treatment

Avoid disposal into sewage systems and water courses (e.g.: rivers)
Waste disposal shall be done in compliance with the legislation in force.

SECTION 14: INFORMATION REGARDING TRANSPORT

Agrocalcium granulated is not included in the international regulations for the transport of dangerous goods (IMDG, IATA, ADR/RID), this is why no classification is needed. No special precautions are necessary, other than those mentioned at section 8.

14.1 UNO number

Not applicable.

14.2 Correct UNO denomination for shipping

Not applicable.

14.3 Hazard class(es) for transport

Not applicable.

14.4 Packing group

Not applicable

14.5 Hazards for the environment

Not applicable

14.6 Special precautions for users

Not applicable

14.7 Transport in bulk, in compliance with the Appendix 2 to the MARPOL Convention and the IBC code

Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Regulations/legislation in the field of safety, health and environment specific for the

Agrocalcium granulated is exempted from the registration obligation in compliance with art. 2, para 7, letter (a) of the (EC) Regulation no. 1907/2006 modified by the (EU) Regulation no. 453/2010 and the (EU) Regulation no. 830/2015, the (EC) Regulation no. 1272/2008 (CLP)

15.2 Evaluation of chemical security

No data available with an evaluation of the chemical security.

SECTION 16: OTHER INFORMATION

16.1 Additional information

The security sheet for Agrocalcium granulated has been updated on 15.11.2023 in compliance with the (EC) Regulation no. 1272/2008 (CLP).

16.2 Abbreviations

CAS – Chemical Abstracts Service

CLP – Classification, Labelling and Packing of substances and mixtures (EC) Regulation no. 1272/2008 (CLP)

ECHA – European Chemicals Agency

EINECS – European Inventory of Existing Chemical Substances

EWG – European Waste Catalogue

IATA – International Air Transport Association

IMDG – International Agreement on International Maritime Dangerous Goods

PBT – Persistent, Bio-accumulative and Toxic

REACH – the Registration, Evaluation and Authorisation of Chemical Substances

VPvB – very persistent, very bio-accumulative

STOT – Specific target organ toxicity.

16.3 References to the specialised literature

Not applicable

16.4 Recommendations for any adequate training for the workers to guarantee an optimum protection of human health and of the environment

The information from this Security Sheet must be processed with the workers together with the programs of professional training regarding security and work safety and health and environment protection

16.5 Release from responsibility

The information from this Security Sheet reflects the currently available knowledge and is trustworthy provided the product is used in compliance with the application specified onto the packing. Any other product usage is under the sole responsibility of the user.