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VALAGRO Safety Sheet  
Date: June 04, 2020 Rev. 1.0  
Product: Releaseed  
Code: 12472  
Print Date: June 4, 2020

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## **SAFETY SHEET**

### **Releaseed**

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

1.1. Product identifier

Mixture identification:

Trade name: Releaseed  
Trade code: 12472

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

Recommended use:

Fertilizer

1.3. Details of the supplier of the safety data sheet

Produced and packed by:

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66041 Atessa (CH) ITALY  
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Distributed and guaranteed by:

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Phone +1-786-230-1020 / +1-786-230-1019

Competent person responsible for the safety data sheet:

[regulatory@valagro.com](mailto:regulatory@valagro.com)

1.4. Emergency telephone number:

Valagro USA Inc Phone +1-786-230-1020 / +1-786-230-1019

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#### **SECTION 2: Hazards identification**

2.1. Classification of the substance or mixture

Classification according to OSHA Hazard Communication Standard (29 CFR 1910.1200):

The product is not classified as dangerous

2.2. Label elements

None

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards

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#### **SECTION 3: Composition/information on ingredients**

3.1. Substances

N.A.

3.2. Mixtures

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Hazardous components within the meaning of OSHA Hazard Communication Standard (29 CFR 1910.1200) and CLP regulation and related classification:  
None

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#### **SECTION 4: First aid measures**

4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

None Known

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

Treatment:

None

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#### **SECTION 5: Firefighting measures**

5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO<sub>2</sub>).

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke containing carbon oxides (CO<sub>x</sub>), nitrogen oxides (NO<sub>x</sub>), ammonia (NH<sub>3</sub>).

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

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#### **SECTION 6: Accidental release measures**

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:

No action shall be taken involving any personal risk or without suitable training

Alert the internal emergency team.

Keep away from the affected area people not involved in the emergency intervention.

Ensure adequate ventilation, move people in a safe place.

For emergency responders:

Wear protective clothes giving a total skin protection, e.g. P.V.C., neoprene or rubber, safety glasses

See protective measures under point 7 and 8.

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- Ensure adequate ventilation, move people in a safe place.
- 6.2. Environmental precautions  
Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.  
Retain contaminated washing water and dispose it.  
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.  
Suitable material for taking up: absorbing material, organic, sand
- 6.3. Methods and material for containment and cleaning up  
Wash with plenty of water.
- 6.4. Reference to other sections  
See also section 8 and 13

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## **SECTION 7: Handling and storage**

- 7.1. Precautions for safe handling  
Avoid contact with skin and eyes, inhalation of vapours and mists.  
Do not eat or drink while working.  
See also section 8 for recomened protective equipment.
- 7.2. Conditions for safe storage, including any incompatibilities  
Keep in original containers tightly closed in a well-ventilated place far from humidity and heat source  
Keep away from food, drink and feed.  
Incompatible materials:  
Acids and bases, oxidants agents  
Instructions as regards storage premises:  
Adequately ventilated premises.
- 7.3. Specific end use(s)  
Fertilizer

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## **SECTION 8: Exposure controls/personal protection**

- 8.1. Control parameters  
DNEL Exposure Limit Values  
N.A.  
PNEC Exposure Limit Values  
N.A.
- 8.2. Exposure controls  
Eye protection:  
Use close fitting safety goggles according to EN 166, don't use eye lens.  
Protection for skin:  
Wear protective clothing.  
Protection for hands:  
Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber according to EN374.  
Respiratory protection:  
Not needed for normal use.  
Thermal Hazards:  
None  
Environmental exposure controls:  
None

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## SECTION 9: Physical and chemical properties

- 9.1. Information on basic physical and chemical properties
- |                        |                         |
|------------------------|-------------------------|
| Appearance and colour: | brown viscous liquid    |
| pH:                    | 7.7 at 20 °C            |
| Density:               | 1.25 Kg/dm <sup>3</sup> |

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## SECTION 10: Stability and reactivity

- 10.1. Reactivity  
Stable under normal conditions of use and storage
- 10.2. Chemical stability  
Stable under normal conditions of use and storage
- 10.3. Possibility of hazardous reactions  
The product can release gaseous ammonia if in contact with alkaline substances such as lime
- 10.4. Conditions to avoid  
Avoid high temperatures
- 10.5. Incompatible materials  
Acids and bases, oxidants agents
- 10.6. Hazardous decomposition products  
Thermal decomposition may produce carbon oxides (CO<sub>x</sub>), nitrogen oxides (NO<sub>x</sub>), ammonia (NH<sub>3</sub>).

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## SECTION 11: Toxicological information

- 11.1. Information on toxicological effects  
Toxicological information of the mixture:  
N.A.
- Toxicological information of the main substances found in the mixture:  
N.A.

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## SECTION 12: Ecological information

- 12.1. Toxicity  
Adopt good working practices, so that the product is not released into the environment.  
The concentrated product released into the environment can lead to eutrophication
- 12.2. Persistence and degradability  
N.A.
- 12.3. Bioaccumulative potential  
N.A.
- 12.4. Mobility in soil  
N.A.
- 12.5. Results of PBT and vPvB assessment  
vPvB Substances: None - PBT Substances: None
- 12.6. Other adverse effects  
None known

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## SECTION 13: Disposal considerations

- 13.1. Waste treatment methods
- Product: Recover if possible. Operate according to local and national laws.  
Contact local authorities who will provide guidance regarding the disposal of special waste.
  - Packaging: Dispose according to current regulations

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#### **SECTION 14: Transport information**

- 14.1. UN number  
Not classified as dangerous in the meaning of transport regulations.
- 14.2. UN proper shipping name  
N.A.
- 14.3. Transport hazard class(es)  
N.A.
- 14.4. Packing group  
N.A.
- 14.5. Environmental hazards  
ADR-Enviromental Pollutant: No  
IMDG-Marine pollutant: No
- 14.6. Special precautions for user  
N.A.
- 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code  
N.A.

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#### **SECTION 15: REGULATORY INFORMATION**

Hazard Communication Standard (HCS) Haz Com 2012  
OSHA, 29 CFR 1910.1200(g) and Appendix D. United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS), third revised edition, United Nations, 2009. Hazard Communication Standard  
United Nations Recommendations on the Transport of Dangerous Goods.  
OSHA Permissible Exposure Limit  
[29 CFR 1926.55 Appendix A](#)  
American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV)  
National Institute for Occupational Safety and Health (NIOSH) Recommended Exposure Limit (REL)  
Chemical Abstracts Service (CAS) Registry Number

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#### **SECTION 16: OTHER INFORMATION**

Date of preparation of the SDS: Rev 1.0, Date: June 04, 2020  
This document was prepared by a competent person who has received appropriate training.  
The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.  
It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.  
This SDS cancels and replaces any preceding release.

N.A. no data available  
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  
CAS: Chemical Abstracts Service (division of the American Chemical Society).  
CLP: Classification, Labeling, Packaging.  
DNEL: Derived No Effect Level.  
EINECS: European Inventory of Existing Commercial Chemical Substances.  
GefStoffVO: Ordinance on Hazardous Substances, Germany.  
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

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IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.