

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830



Article No.: 62266002
Print date: 03.02.2021
Version: 2.0

nutriFOG
Revision date: 28.05.2020
Issue date: 03.09.2019

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

1.1. Product identifier

Article No. (manufacturer/supplier) 62266002
Trade name/designation nutriFOG
Product code P12137

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

Relevant identified uses

Fertilizers

1.3. Details of the supplier of the safety data sheet

supplier (manufacturer/importer/downstream user/distributor)

AGLUKON Spezialdünger GmbH & Co. KG

Heerdter Landstraße 199

40549 Düsseldorf

Germany

Telephone: +49 (0) 211 5064 0

Telefax: +49 (0) 211 5064 247

Department responsible for information:

E-mail (competent person)

reach@aglukon.com

1.4. Emergency telephone number

GIZ Mainz, POISON CENTER

Germany

Information in English and German

Tel.: +49 (0) 6131 19240

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms

Hazard statements

not applicable

Precautionary statements

not applicable

Hazard components for labelling

not applicable

Supplemental hazard information

EUH210

Safety data sheet available on request.

2.3. Other hazards

No information available.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Description

Classification according to Regulation (EC) No 1272/2008 [CLP]

EC No.	REACH No.	weight-%
CAS No.	Designation	
Index No.	classification: // Remark	
229-347-8	01-2119490981-27-XXXX	
6484-52-2	ammonium nitrate	8 < 10
	Ox. Sol. 3 H272 / Eye Irrit. 2 H319	
	Specific concentration limit (SCL): Eye Irrit. 2 H319 >= 80	

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Additional information

Full text of classification: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of inhalation

Move victim to fresh air.

Following skin contact

Wash with plenty of soap and water.

After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

Following ingestion

Rinse mouth thoroughly with water.

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

No known symptoms to date.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

The product itself does not burn.

Suitable extinguishing media

Water spray jet, Water mist, carbon dioxide, Powder

Unsuitable extinguishing media

strong water jet

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products: nitrogen oxides, Ammonia, Phosphorus oxides

5.3. Advice for firefighters

Provide a conveniently located respiratory protective device. Do not allow water used to extinguish fire to enter drains, ground or waterways.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13).

6.4. Reference to other sections

Observe protective provisions (see section 7 and 8).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advices on safe handling

Avoid contact with skin, eyes and clothes. When using do not eat, drink or smoke. Personal protection equipment: refer to section 8. Follow the legal protection and safety regulations.

Further information

No special measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Protect from heat and direct sunlight. Keep container tightly closed. Always keep in containers that correspond to the material

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of the original container.

Hints on joint storage

Do not store together with: Food and feedingstuffs.

Further information on storage conditions

Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 5 °C and 40 °C.

7.3. **Specific end use(s)**

Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. **Control parameters**

Occupational exposure limit values

not applicable

DNEL:

ammonium nitrate

EC No. 229-347-8 / CAS No. 6484-52-2

DNEL long-term dermal (systemic), Workers: 21,3 mg/kg

DNEL long-term inhalative (systemic), Workers: 37,6 mg/m³

PNEC:

ammonium nitrate

EC No. 229-347-8 / CAS No. 6484-52-2

PNEC aquatic, freshwater: 0,45 mg/L

PNEC aquatic, marine water: 0,045 mg/L

PNEC aquatic, intermittent release: 4,5 mg/L

PNEC sewage treatment plant (STP): 18 mg/L

8.2. **Exposure controls**

See section 7. No additional measures necessary.

Personal protection equipment

Respiratory protection

Usually no personal respirative protection necessary.

Hand protection

For prolonged or repeated handling the following glove material must be used: e.g. NBR (Nitrile rubber).

Thickness of the glove material: No data available. Breakthrough time:: No data available.

Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin.

Eye/face protection

Wear closely fitting protective glasses in case of splashes.

Body protection

Wear suitable protective clothing, e.g. from cotton wool or heat resistant synthetic fiber.

Protective measures

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

Environmental exposure controls

Do not allow to enter into surface water or drains. See section 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

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

Appearance:

Physical state:

Liquid

Colour:

green

Odour:

characteristic

Odour threshold:

not applicable

pH at 20 °C:

6,8

Melting point/freezing point:

not applicable

Initial boiling point and boiling range:

not determined

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Flash point:	not applicable
Evaporation rate:	not applicable
flammability	
Burning time:	not applicable
Upper/lower flammability or explosive limits:	
Lower explosion limit:	not applicable
Upper explosion limit:	not applicable
Vapour pressure at 20 °C:	not applicable
Vapour density:	not applicable
Relative density:	
Density at 20 °C:	1,19 g/cm³
Solubility(ies):	
Water solubility at 20 °C:	very soluble
Partition coefficient: n-octanol/water:	see section 12
Auto-ignition temperature:	not applicable
Decomposition temperature:	not applicable
Viscosity at 20 °C:	not determined
Explosive properties:	not applicable
Oxidising properties:	not applicable

9.2. **Other information**

No information available.

SECTION 10: Stability and reactivity

10.1. **Reactivity**

No information available.

10.2. **Chemical stability**

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

10.3. **Possibility of hazardous reactions**

No hazardous reaction when handled and stored according to provisions.

10.4. **Conditions to avoid**

Protect from heat and direct sunlight.

10.5. **Incompatible materials**

Alkali (lye)

10.6. **Hazardous decomposition products**

Does not decompose when used for intended uses. Hazardous decomposition byproducts may form with exposure to high temperatures: nitrogen oxides, Ammonia, Phosphorus oxides

SECTION 11: Toxicological information

Classification according to Regulation (EC) No 1272/2008 [CLP]

11.1. **Information on toxicological effects**

Acute toxicity

Based on available data, the classification criteria are not met.

Skin corrosion/irritation; Serious eye damage/eye irritation

ammonium nitrate

eyes, Rabbit.: Evaluation Causes serious eye irritation.

Method: OECD 405

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Based on available data, the classification criteria are not met.

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STOT-single exposure; STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Practical experience/human evidence

Overall Assessment on CMR properties

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

SECTION 12: Ecological information

12.1. Toxicity

Based on available data, the classification criteria are not met.

Long-term Ecotoxicity

No data available.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

Bioconcentration factor (BCF)

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate disposal / Product Recommendation

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

List of proposed waste codes/waste designations in accordance with EWC

020109 Agrochemical waste other than those mentioned in 02 01 08

Appropriate disposal / Package Recommendation

Non-contaminated packages may be recycled.

SECTION 14: Transport information

This mixture is not classified as dangerous according to international transport regulations (ADR/RID, IMDG, ICAO/IATA).

No dangerous good in sense of this transport regulation.

14.1. UN number

not applicable

14.2. UN proper shipping name

14.3. Transport hazard class(es)

not applicable

14.4. Packing group

not applicable

14.5. Environmental hazards

Land transport (ADR/RID)

not applicable

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Marine pollutant not applicable

14.6. Special precautions for user

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

Further information

Land transport (ADR/RID)

tunnel restriction code -

Sea transport (IMDG)

EmS-No. not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

EU legislation

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]

This product is not classified according to Directive 2012/18/EU.

National regulations

Restrictions of occupation

15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Full text of classification in section 3:

Ox. Sol. 3 / H272	Oxidising solids	May intensify fire; oxidiser.
Eye Irrit. 2 / H319	Serious eye damage/eye irritation	Causes serious eye irritation.

Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
OEL	Occupational Exposure Limit Value
BLV	Biological Limit Value
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CMR	Carcinogenic, Mutagenic and Reprotoxic
DIN	German Institute for Standardization / German industrial standard
DNEL	Derived No-Effect Level
EAKV	European Waste Catalogue Directive
EC	Effective Concentration
EC	European Community
EN	European Standard
IATA-DGR	International Air Transport Association – Dangerous Goods Regulations
IBC Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ICAO-TI	International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG Code	International Maritime Code for Dangerous Goods
ISO	International Organization for Standardization
LC	Lethal Concentration
LD	Lethal Dose
MARPOL	Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OECD	Organisation for Economic Cooperation and Development
PBT	persistent, bioaccumulative, toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail

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UN	United Nations
VOC	Volatile Organic Compounds
vPvB	very persistent and very bioaccumulative

Further information

Classification according to Regulation (EC) No 1272/2008 [CLP]

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in section 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.