

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

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Powering Business Worldwide

Diammonium Phosphate Food Quality

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

1.1. Product identifier

Trade name/designation:

Diammonium Phosphate Food Quality

Additional information:

The substance does not require registration according to REACH.

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

Use of the substance/mixture:

Yeast Nutrient

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

Eaton Technologies GmbH

Langenlonsheim Branch

An den Nahewiesen 24

55450 Langenlonsheim

Germany

Telephone: +49 6704 204-0 (Diese Nummer ist nur zu Bürozeiten besetzt.)

Telefax: +49 6704 204-121

E-mail: SDB@Eaton.com

Website: www.eaton.com/filtration

1.4. Emergency telephone number

No data available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

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

Additional information:

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

2.2. Label elements

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

According to EC directives or the corresponding national regulations the product does not have to be labelled.

2.3. Other hazards

Adverse physicochemical effects:

not applicable

Adverse human health effects and symptoms:

not applicable

Adverse environmental effects:

not applicable

SECTION 3: Composition / information on ingredients

3.1. Substances

Description:

Diammoniumhydrogenphosphate ((NH₄)₂HPO₄)

CAS No. 7783-28-0; EINECS No. 231-987-8

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SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

First aider: Pay attention to self-protection!

Following inhalation:

Remove person to fresh air and keep comfortable for breathing. In case of respiratory tract irritation, consult a physician.

In case of skin contact:

After contact with skin, wash immediately with: Water

In case of skin irritation, consult a physician.

IF ON CLOTHING: Take off immediately all contaminated clothing.

After eye contact:

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion:

Rinse mouth thoroughly with water. Remove person to fresh air and keep comfortable for breathing. Let water be drunk in little sips (dilution effect). Do NOT induce vomiting. Consult physician immediately.

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

After eye contact : No risks worthy of mention.

The following symptoms may occur: Causes eye irritation. erythema (redness)

Following inhalation: No risks worthy of mention.

The following symptoms may occur: Cough, Inhalation of dust may cause irritation of the respiratory system.

Following skin contact: No risks worthy of mention.

The following symptoms may occur: erythema (redness)

After ingestion: No risks worthy of mention.

The following symptoms may occur: Gastrointestinal complaints

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water, Carbon dioxide (CO₂), Foam, Extinguishing powder

Unsuitable extinguishing media:

High power water jet

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Nitrogen oxides (NO_x), Phosphorus oxides

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Keep unprotected people away and stay on the upwind side.

First aider: Pay attention to self-protection!

5.4. Additional information

No data available

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Self-protection of the first aider. Avoid dust formation. Wear personal protection equipment.

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6.1.2. For emergency responders

No data available

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

For cleaning up:

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal. Provide adequate ventilation.

6.4. Reference to other sections

No data available

6.5. Additional information

No data available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Wear personal protection equipment.
Avoid dust formation. Provide adequate ventilation as well as local exhaustation at critical locations.
When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels:

Keep only in the original container in a cool, well-ventilated place. Keep container tightly closed and dry. Protect against: Heat, Humidity, UV-radiation/sunlight, Always close containers tightly after the removal of product.

Further information on storage conditions:

Keep the packing dry and well sealed to prevent contamination and absorption of humidity.
Keep away from food, drink and animal feedingstuffs.
Storage class: 10-13

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No data available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Provide adequate ventilation as well as local exhaustation at critical locations.
No special technical protective measures are necessary.

8.2.2. Personal protection equipment

Eye/face protection:

Eye glasses

Skin protection:

Suitable material: The glove material has to be impermeable and resistant to the product/the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Respiratory protection:

Respiratory protection necessary at: insufficient ventilation
Suitable respiratory protection apparatus: Filtering device (DIN EN 147) P 2

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Other protection measures:

Protective clothing: Wear personal protection equipment. Wash contaminated clothing prior to re-use.

General health and safety measures: When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

The following shall be existing in the immediate working surrounding: Emergency shower installed

Provide eye shower and label its location conspicuously

8.2.3. Environmental exposure controls

No data available

8.3. Additional information

Exposure limit values not known.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: crystalline

Colour: whitish

Odour: Ammonia

Safety relevant basis data

parameter		at °C	Method	Remark
pH	7 - 8	20 °C	in aqueous solution	Gehalt an gelöster Substanz: 1% ig
Melting point	155 °C			
Freezing point	<i>not determined</i>			
Initial boiling point and boiling range	<i>not determined</i>			
Decomposition temperature (°C):	<i>not determined</i>			
Flash point	<i>not determined</i>			
Evaporation rate	<i>not determined</i>			
Ignition temperature in °C	<i>not determined</i>			
Upper/lower flammability or explosive limits	<i>not determined</i>			
Vapour pressure	<i>not determined</i>			
Vapour density	<i>not determined</i>			
Density	<i>not determined</i>			
Bulk density	<i>not determined</i>			
Water solubility (g/L)	<i>not determined</i>			
Partition coefficient: n-octanol/water	<i>not determined</i>			
Dynamic viscosity	<i>not determined</i>			
Kinematic viscosity	<i>not determined</i>			

9.2. Other information

Entzündlichkeit (Feststoff/Gas): Non-flammable.

Explosionsgefahr: not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

This article doesn't contain dangerous substances or preparations intended to be released under normal or reasonably foreseeable conditions of use.

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10.4. Conditions to avoid

Keep away from heat.

10.5. Incompatible materials

Reacts with : Water

10.6. Hazardous decomposition products

This article doesn't contain dangerous substances or preparations intended to be released under normal or reasonably foreseeable conditions of use.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity:

After ingestion: Gastrointestinal complaints

Acute inhalation toxicity:

Following inhalation: Cough

Skin corrosion/irritation:

slightly irritant but not relevant for classification.

Eye damage/irritation:

slightly irritant but not relevant for classification.

Respiratory or skin sensitisation:

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Germ cell mutagenicity:

No information available.

Carcinogenicity:

No information available.

Reproductive toxicity:

No information available.

STOT-single exposure:

No information available.

STOT-repeated exposure:

No information available.

Aspiration hazard:

No information available.

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity:

Acute fish toxicity: Labeo boga

EC50: 0,3 mg/l

12.2. Persistence and degradability

Additional information:

Further ecological information: According to the present state of knowledge negative ecological effects are not expected. No data available

12.3. Bioaccumulative potential

Accumulation / Evaluation:

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This substance does not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

No data available

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

The disposal of the product has to be carried out in accordance with the legal requirements. EWC waste codes are strictly industry-oriented, therefore waste classification has to be done by the waste producer.

Waste treatment options

Appropriate disposal / Package:

Non-contaminated packages may be recycled.

13.2. Additional information

No data available

SECTION 14: Transport information

No dangerous good in sense of these transport regulations.

14.1. UN-No.

not relevant

14.2. UN proper shipping name

not relevant

14.3. Transport hazard class(es)

not relevant

14.4. Packing group

not relevant

14.5. Environmental hazards

not relevant

14.6. Special precautions for user

not relevant

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not relevant

SECTION 15: Regulatory information

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

15.1.1. EU legislation

No data available

15.1.2. National regulations

[DE] National regulations

Technische Anleitung Luft (TA-Luft)

Klasse 1:

TA-Luft Anteil 1: 98-100 %

Ziffer 1:

5.2.1

Water hazard class (WGK)

WGK:

1 - schwach wassergefährdend

Source:

Anh. 3

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15.2. Chemical Safety Assessment

No data available

15.3. Additional information

No data available

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

No data available

16.3. Key literature references and sources for data

No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

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

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

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

No data available

16.6. Training advice

No data available

16.7. Additional information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.