

Safety Data Sheet

Additive – NOxAMID® K

according to (EG) Nr. 1907/2006 (REACH) / changed by regulation (EU) Nr. 453/2010)

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Product identifiers

Product name: **NOxAMID® K**
Substance name: **Additive**

1.2 Use of substance / mixture

additive, industrial use, water treatment chemical, conditioning agent

1.3 Details of the supplier of the safety data sheet

Mehldau & Steinfath Umwelttechnik GmbH
Alfredstraße 279
D-45133 Essen

1.4 Contact Person:

Zentrale

Phone: +49 (0)201 43 783 -0
Fax: +49 (0)201 43 783 -33
E-Mail: zentrale@ms-umwelt.de
Homepage: www.ms-umwelt.de

1.5 Emergency telephone number:

Emergency CONTACT (24-Hour-Number):
Europe: GBK GmbH +49 (0)6132-84463
International: GBK/Infotrac ID 108808: (001) 352 323 3500

2. HAZARDS IDENTIFICATION

2.2 Classification of the substance or mixture

Product definition:

Mixture

Classification according to regulation (EG) Nr. 1272/2008 (substances):

Not classified

The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

Classification according to regulation EU-guidelines 67/548/EWG or 1999/45/EG:

Not classified

2.3 Label elements

Labelling according to regulation (EG) Nr. 1272/2008 (substances)

Unnecessary

Labelling (67/548/EWG or 1999/45/EG):

Unnecessary

2.3 Other hazards

The substance does not meet the criteria for PBT or vPvB according to the regulation (EC) Nr. 1907/2006, appendix XIII.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Not specified, s. mixture

Safety Data Sheet

Additive – NOxAMID[®] K

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3.2 Mixture

This mixture does not contain substances which must be named after the REACH-restrictive.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General Information: If symptoms persist, call a doctor. Show the doctor this Safety Data Sheet.

After inhalation: Provide fresh air.

After skin contact: Wash thoroughly with copious water.

After eye contact: After contact with eyes, rinse immediately with copious water. Consult a doctor in case of complaints.

After swallow: Flush mouth, drink copious water. Medical advice.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention or special treatment needed

No further relevant information available.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

The product is not flammable. Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

Ambient air independent breathing apparatus (EN 133)

Additional information:

The product is not flammable. Use fire extinguishing methods suitable to surrounding conditions. In case of fire the following can be released: NH₃, CO

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Particular danger of slipping on leaked product.

6.2 Environment precautions

Not into the drains / surface water / should not release into groundwater.

6.3 Methods and materials for containment and cleaning up

Soak up with absorbent material (for example sand, diatomaceous earth, universal binder). Send in suitable containers for recovery or disposal. Flush away residues with water.

6.4 Reference to other sections

No

Safety Data Sheet

Additive – NOxAMID® K

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7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Fire precautions: This product is not flammable. No special measures required.
Explosion protection: No special measures required.

Wash hands after contact

7.2 Conditions for safe storage, including any incompatibilities

Information on storage conditions: Avoid seepage into the ground.

Needs container: Suitable materials for containers: Polyethylen of high density (HDPE), Polyethylen of low density (LDPE), high-grade steel 1.4301 (V2), high-grade steel 1.4401 (V4), glass.

Unsuitable materials for containers: Paper, iron, tin (tinplate).

Storage class according to VCI: 13 – non-combustible materials.

7.3 Specific end applications

No.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Occupational exposure limit: no

Organic occupational exposure limit: no

8.2 Exposure controls and personal protective equipment

Personal protective equipment:

Eye protection:

Tightly sealed safety glasses according to EN 166

Breathing protection:

Breathing protection by inadequate ventilation.
Gas filter for non-organic gas/fumes (EN 14387 type B).

Hand protection:

Chemical resistant protective gloves (EN 374)
Natural rubber / natural latex (NR) – 0.5 mm coating thickness
Chloroprene rubber (CR) – 0.5 mm coating thickness
Nitrile rubber (NBR) – 0.4 mm coating thickness
Butyle rubber (Butyl) – 0.7 mm coating thickness
Fluorrelastomer (FKM) – 0.7 mm coating thickness
Polyvinyl chloride (PVC) – 0.7 mm coating thickness

General protective and hygienic measures:

No special protective equipment required. Avoid contact with the eyes and skin.
Please follow the usual instructions when handling with chemicals.
Wash hands before breaks and at the end of work.

Safety Data Sheet

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9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | |
|-----------------------------|---------------------------|
| Aggregate state: | liquid |
| Colour: | yellow/brown |
| pH-value (20 °C): | ca. 8 (20 °C) |
| Solidification temperature: | not specified |
| Flashpoint: | not specified |
| Flammability: | not relevant (liquid) |
| Ignition temperature: | not specified |
| Thickness (20°C) | ca. 1,3 g/cm ³ |
| Solubility in water: | 100% |
| Dynamic viscosity (20°C): | < 100 mPa s |

10. STABILITY AND REACTIVITY

10.1 Reactivity

Not reactive under normal conditions.

10.2 Chemical stability

Does not decompose at intended usage.

10.3 Possibility of hazardous reaction

No hazardous reactions known.

10.4 Conditions to avoid

No conditions to avoid known.

10.5 Incompatible materials

Oxidizing substances

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Irritant effect on the skin

No irritant effect on skin.

Irritant effect on the eye

No major damages to eyes. Moderate irritating.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

1272/2008/EG: Not water hazardous.

12.2 Persistence and degradability

Anorganic salts are not biologically degradable.

12.3 Other adverse effects

Do not discharge into drains or watercourses.

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13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Must be supplied to a proper disposal, in compliance with the regulations for waste recycling and -disposal.

Classification of waste has to take place, ancestry oriented, to the regulation of the European Waste Catalogue (AVV).

Uncleaned packaging:

Disposal must be made according to official regulations; contaminated packages have to be treated like substance. Packaging has to be emptied. Then they can be supplied after being thoroughly cleaned for reuse.

14. TRANSPORT INFORMATION

Not a hazardous material according to transport regulations. (ADR RID ADNR IMDG/GGVSEE ICAO/IATA)

15: REGULATORY INFORMATION

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

National Regulation (Germany):

Statutory order on hazardous incidents:

not regulated

Water hazard class:

WGK 1, slightly hazardous to water according to VwVwS attached 2.

Technical instructions on air quality (TA Luft):

TA-Luft Nr. 5.2.1 total dust incl. fine dust

Other regulations:

no employment restriction

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific features and shall not establish a legally valid contractual relationship.