

## Safety data sheet

### according to Regulation (EC) No 1907/2006, Article 31

Printing date 22.07.2024

Version number 108.03 (replaces version 108.02)

Revision: 22.07.2024

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

### 1.1 Product identifier

**Trade name** AdBlue® Harnstofflösung 32,5%**Article number:** 1001360300003**UFI:** PETF-H05F-V00A-FXS9

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

The substance is not classified as hazardous and/or is not subject to the obligation to prepare a chemical safety report under REACH, therefore no exposure scenarios are required for this safety data sheet.

**Application of the substance / the mixture** Exhaust gas cleaning

### 1.3 Details of the supplier of the safety data sheet

**Manufacturer/Supplier:**

STOCKMEIER Chemie GmbH & Co.KG, Am Stadtholz 37, DE - 33609 Bielefeld  
Tel.: +49 521 / 30 37-0, ehs-bielefeld@stockmeier.de

STOCKMEIER Fluids GmbH & Co. KG, Sanssouci 12, DE – 58802 Balve  
Tel.: +49 2375 917 310, fluids@stockmeier.com

BASSERMANN Minerals GmbH & Co. KG, Rudolf-Diesel-Straße 42, DE – 68169 Mannheim  
Tel.: +49 621 15 01 0, verkauf@bassermann.de

STOCKMEIER CHEMIA Sp. z o. o. i S.S.K., ul. Obornicka 277, PL - 60-691 Poznań  
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STOCKMEIER QUIMICA, S.L.U., Avda. del Baix Llobregat, 3- 5, ES – 08970 Sant Joan Despí (Barcelona)  
Tel.: +34 93 506 91 83, tecnico-calidad@stockmeier.es

STOCKMEIER NETHERLANDS B.V., Ridderpoort 5, NL - 2984 BG Ridderkerk  
Tel.: +31 180 41 5988, info@stockmeier.nl

STOCKMEIER Chemie Austria, Ricoweg 32b, AT - 2351 Wiener Neudorf  
Tel.: +43 2236 623-40, office@stockmeier.at

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Tel.: +41 61 711 20 20, info@kemtan.ch

STOCKMEIER CHEMICALS BELUX SA/NV, Rue de la Station 17, BE – 1300 Limal  
Tel.: +32 10 421-320, info@stockmeierchemicalsbelux.com

HDS – Chemie Handels GES.M.B.H., Bauernmarkt 24, AT - 1010 Wien  
Tel.: +43 15 32 0 999, office@hds-chemie.at

www.stockmeier.com

**Informing department:**

Product safety department. Tel.: 0049 / 521 / 3037-381

E-mail: ehs-bielefeld@stockmeier.de

**1.4 Emergency telephone number:**

This is an English-language document designed for the European region. For the emergency number and other country-specific data, please refer to the specific national versions of this safety data sheet.

Counselling Centre for Poisoning, Mainz

Tel. (+49) 61 31 / 19 240.

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008**

The product is not classified, according to the CLP regulation.

#### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008** Void**Hazard pictograms** Void**Signal word** Void**Hazard statements** Void

#### 2.3 Other hazards

**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**Determination of endocrine-disrupting properties** Not applicable.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

**Description:** Mixture of the substances listed below with non-hazardous additions (solution in water).**Dangerous components:** Void**SVHC**This preparation does not contain any substances of very high concern (SVHC) in a concentration of  $\geq 0.1$  % according to Regulation (EC) 1907/2006, Article 57.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

**General advice:** Instantly remove any clothing soiled by the product.**After inhalation** Supply fresh air; consult doctor in case of symptoms.**After skin contact**

Wash skin with water using soap if available. If persistent irritation occurs, obtain medical attention.

**After eye contact**

Rinse opened eye for 15 minutes under running water.

Consult a doctor in case of symptoms.

**After swallowing**

Rinse out mouth and then drink plenty of water.

In case of persistent symptoms consult doctor.

**Information for doctor** Treatment recommended according to symptoms

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

No further relevant information available.

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

No further relevant information available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

**Suitable extinguishing agents**

Product is non-flammable. Use fire fighting measure that suit the surroundings.

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### 5.2 Special hazards arising from the substance or mixture

Can be released in case of fire:

carbon oxides (COx)

Nitrogen oxides (NOx)

Hydrogen cyanide (HCN)

Ammonia vapours

### 5.3 Advice for firefighters

**Protective equipment:** Wear self-contained breathing apparatus.

#### Additional information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Put on protective equipment and keep unprotected persons away.

Avoid eye and skin contact.

### 6.2 Environmental precautions:

Prevent material from reaching sewage system, holes and cellars.

In case of release of larger quantities, inform competent authorities.

### 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of contaminated material as waste according to item 13.

### 6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

## \* SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace. Avoid repeated or long-term skin contact.

**Information about protection against explosions and fires:** No special measures required.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage

#### Requirements to be met by storerooms and containers:

Observe laws and regulations on the storage and use of substances hazardous to water.

Store in the delivery container or in PE containers.

**Information about storage in one common storage facility:** Store away from oxidising agents.

#### Further information about storage conditions:

Protect from heat and direct sunlight.

Recommended storage temperature &gt; 5 °C.

**Storage class** 12 (VCI - Konzept, 2007)**7.3 Specific end use(s)** No further relevant information available.

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

### 8.1 Control parameters

#### Components with critical values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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**Additional information:** The lists that were valid during the compilation were used as basis.

#### 8.2 Exposure controls

##### Individual protection measures, such as personal protective equipment

##### General protective and hygienic measures

Do not eat, drink or smoke while working.

The usual precautionary measures should be adhered to in handling the chemicals.

Keep away from food, beverages and fodder.

Wash hands during breaks and at the end of the work.

Avoid close or long term contact with the skin.

##### Breathing equipment:

Not necessary if room is well-ventilated.

Use breathing protection in case of insufficient ventilation.

**Recommended filter device for short term use:** Filter B

**Hand protection** Protective gloves (EN 374).

##### Material of gloves

Butyl rubber, recommended material thickness:  $\geq 0,7$  mm, breakthrough time:  $\geq 480$  min.

Natural rubber, NR, recommended thickness:  $\geq 1$  mm, penetration time:  $\geq 480$  min.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

**Not suitable are gloves made of the following materials:** Leather gloves

**Eye/face protection** Safety goggles are recommended when decanting.

**Body protection:** Protective work clothing.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

##### Physical state

Fluid

##### Colour:

Colourless

##### Smell:

weak ammonia odor

##### Odour threshold:

Not determined

##### Melting point/freezing point:

-11,5 °C

##### Boiling point or initial boiling point and boiling range

Not determined

##### Flammability

Not applicable.

##### Lower and upper explosion limit

##### Lower:

Not determined.

##### Upper:

Not determined.

##### Flash point:

Product is non-flammable nor potentially explosive

##### Decomposition temperature:

Not determined

##### pH at 20 °C

10

(Aqueous solution 10%)

##### pH-value:

##### Viscosity:

##### Kinematic viscosity

Not determined.

##### dynamic at 20 °C:

1 mPas

##### Solubility

##### Water:

Fully miscible

##### Partition coefficient n-octanol/water (log value)

-2,59 log POW (urea)

##### Vapour pressure:

(Aqueous solution 10%)

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<b>Density and/or relative density</b>	
Density at 20 °C	1,09 g/cm <sup>3</sup>
Relative density	Not determined
Vapour density	Not determined
<b>9.2 Other information</b>	
<b>Appearance:</b>	
Form:	Fluid
<b>Important information on protection of health and environment, and on safety.</b>	
Self-inflammability:	Product is not selfigniting.
Explosive properties:	Product is not potentially explosive
Evaporation rate	Not determined
<b>Information with regard to physical hazard classes</b>	
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

## SECTION 10: Stability and reactivity

**10.1 Reactivity** No further relevant information available.

### 10.2 Chemical stability

**Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

**10.3 Possibility of hazardous reactions** Formation of ammonia gas

**10.4 Conditions to avoid** No further relevant information available.

### 10.5 Incompatible materials:

Strong bases

strong oxidising agents (permanganate, chromates, nitrates, nitrites, chlorine and hypochlorites)

### 10.6 Hazardous decomposition products:

Ammonia (NH<sub>3</sub>)

Nitrogen oxides (NO<sub>x</sub>)

(possible HCN)

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### SECTION 11: Toxicological information

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

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

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation** no irritant effect known

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

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

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

**STOT-single exposure** Based on available data, the classification criteria are not met.

**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.

#### 11.2 Information on other hazards

##### Endocrine disrupting properties

None of the ingredients is listed.

### \* SECTION 12: Ecological information

#### 12.1 Toxicity

**Aquatic toxicity:** No further relevant information available.

**12.2 Persistence and degradability** biodegradable

**12.3 Bioaccumulative potential** The product is water-soluble and is only slightly adsorbed in the soil.

**12.4 Mobility in soil** No further relevant information available.

#### 12.5 Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

#### 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

#### 12.7 Other adverse effects

##### Additional ecological information:

##### General notes:

Do not allow to enter drainage system, surface or ground water

Water hazard class 1 (Self-assessment): slightly hazardous for water.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

**Recommendation** Must be specially treated under adherence to official regulations.

##### Waste disposal key number:

Since 1 January 1999, the waste code numbers have not only been product-related but essentially application-related. The waste code number valid for the application can be taken from the European Waste Catalogue.

**Uncleaned packagings:** Disposal in accordance with official regulations.

**Recommendation:** Empty the container completely and send it cleaned for reconditioning or reprocessing.

**Recommended cleaning agent:** Water, if necessary with cleaning agent.

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#### SECTION 14: Transport information

<b>14.1 UN number or ID number</b> ADR/RID, IMDG, IATA	Void
<b>14.2 UN proper shipping name</b> ADR/RID IMDG, IATA	Void Void
<b>14.3 Transport hazard class(es)</b> ADR/RID, IMDG, IATA Class	Void
<b>14.4 Packing group</b> ADR/RID, IMDG, IATA	Void
<b>14.6 Special precautions for user</b>	Not applicable.
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable.
<b>Transport/Additional information:</b>	Not dangerous according to the above specifications.
<b>UN "Model Regulation":</b>	Void

#### SECTION 15: Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

##### LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV)

None of the ingredients is listed.

##### DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

##### REGULATION (EU) 2019/1148

##### Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

##### Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

##### National regulations

##### Other regulations, limitations and prohibitive regulations

##### Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients is listed.

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**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.
 

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#### SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. This safety data sheet complies with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

**UFI market placements:**

Germany, Bulgaria, Denmark, DKE, ESE, European Union, Finland, SFS, France, Greece, Ireland, ISE, Croatia, Latvia, FL, Lithuania, LTE, Malta, Netherland, Norway, Germany, Poland, Portugal, Romania, Sweden, Slovakia, Slovenia, Spain, Czechia, Cyprus

**Department issuing data specification sheet:** See section 1.3: Responding area

**Date of previous version:** 20.12.2022

**Version number of previous version:** 108.02

**Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

LEV: Local Exhaust Ventilation

RPE: Respiratory Protective Equipment

RCR: Risk Characterisation Ratio (RCR= PEC/PNEC)

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

TRGS: Technische Regeln für Gefahrstoffe (Technical Rules for Dangerous Substances, BAuA, Germany)

SVHC: Substance of Very High Concern

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

**\* Data compared to the previous version altered.**