

according to UK REACH Regulation

**dipure® bio urin ATTACKE KRISTALLE**

Revision date: 08.09.2022

Product code: Kba-4073

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

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Product group: Endprodukt

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

Cleaning agent

**Uses advised against**

Any improper use.

**1.3. Details of the supplier of the safety data sheet**

Company name:	spezialreiniger24	
Street:	Hanauer Landstr. 78	
Place:	D-63538 Großkrotzenburg	
Telephone:	06181/4299121	Telefax: 06181 36986240
e-mail:	info@spezialreiniger24.de	
Internet:	https://spezialreiniger24.de	

**1.4. Emergency telephone number:**Giftnotruf der Charité - Universitätsmedizin Berlin  
+49 30 30686 700**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

**2.2. Label elements****Additional advice on labelling**

Labelling according to Regulation (EC) No 1272/2008 [CLP]: none

**2.3. Other hazards**

For information or further instructions, see also section 11 or 12.

No hazards to be specifically mentioned. Please always read the information in the safety data sheet.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**

Contains microorganisms.

**Hazardous components**

none (according to UK REACH Regulation)

**Further Information**

The product does not contain any listed SVHC substances &gt; 0.1% according to Regulation (EC) No. 1907/2006 § 59 (REACH).

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

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**After inhalation**

In case of accident due to inhalation: take the casualty to fresh air and keep at rest. If the respiratory tract is irritated, seek medical advice.

**After contact with skin**

Wash carefully with plenty of soap and water. If skin irritation occurs, seek medical attention.

**After contact with eyes**

Rinse cautiously with water for several minutes. If symptoms occur or persist, consult an ophthalmologist.

**After ingestion**

Rinse mouth thoroughly with water. Have patient drink plenty of water in small sips (dilution effect). DO NOT induce vomiting. If symptoms occur or in all cases of doubt, seek medical advice.

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

No information available.

**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**

Carbon dioxide (CO<sub>2</sub>). Dry chemical extinguishing agent. Alcohol-resistant foam. Water spray.

**Unsuitable extinguishing media**

High power water jet.

**5.2. Special hazards arising from the substance or mixture**

In case of fire the following may be released: Carbon monoxide, Carbon dioxide (CO<sub>2</sub>).

**5.3. Advice for firefighters**

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

**Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Co-ordinate fire-fighting measures to the fire surroundings.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Avoid dust formation. Do not breathe dust.

**For non-emergency personnel**

Wear personal protective equipment (see section 8).

**For emergency responders**

No special measures are necessary.

**6.2. Environmental precautions**

Entry into the environment must be avoided.

**6.3. Methods and material for containment and cleaning up****For containment**

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

**For cleaning up**

Clean contaminated objects and surfaces thoroughly, observing environmental regulations.

**6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

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**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Wear personal protective equipment (see section 8).

**Advice on protection against fire and explosion**

Usual fire prevention measures. Dust clouds can pose an explosion hazard.

**Advice on general occupational hygiene**

Always close containers tightly after removing the product. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

**Further information on handling**

Avoid dust generation.

Protection and hygiene measures: see Chapter 8

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed in a cool, well-ventilated place.

**Hints on joint storage**

Do not store together with: Explosives. Solid substances with oxidizing properties. Liquid substances with oxidizing properties. Radioactive substances. Infectious substances. Food and animal feed.

**Further information on storage conditions**

Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

Recommended storage temperature: 20 °C.

Protect against: Frost. UV radiation/sunlight. Heat. Humidity.

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

Cleaning agent

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Additional advice on limit values**

To date, no national critical limit values exist.

**8.2. Exposure controls****Appropriate engineering controls**

Technical measures and the application of appropriate work procedures take priority over the use of personal protective equipment.

Dust should be exhausted directly at the point of origin.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Dust goggles.

**Hand protection**

In case of prolonged or frequently repeated skin contact:

Suitable material:

FKM (fluoro rubber). - Thickness of glove material: 0.4 mm

Breakthrough time:  $\geq$  8 h

Butyl rubber. - Thickness of glove material: 0.5 mm

Breakthrough time:  $\geq$  8 h

CR (polychloroprene, chloroprene rubber). - Thickness of glove material: 0.5 mm

Breakthrough time:  $\geq$  8 h

NBR (nitrile rubber). - Thickness of glove material: 0.35 mm

Breakthrough time:  $\geq$  8 h

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PVC (polyvinyl chloride). - Thickness of glove material: 0.5 mm

Breakthrough time: >= 8 h

The gloves to be used must meet the specifications of EC Regulation (EU) 2016/425 and the resulting standard EN ISO 374.

Check for leaks/impermeability before use. If gloves are to be reused, clean them before removing them and store in a well-ventilated place.

**Skin protection**

Suitable body protection: Protective clothing.

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

**Respiratory protection**

Respiratory protection necessary at:

- Exceeding limit
- Inadequate ventilation and dust generation/formation

Suitable respiratory protection device: particle filter device (DIN EN 143). Filter type: P1-3

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

**Thermal hazards**

Material handled at high temperatures may cause burns through contact with the molten material.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state:	granulate	
Colour:	white	
Odour:	odourless	
Melting point/freezing point:		not determined
Boiling point or initial boiling point and boiling range:		not determined
Flammability:		not determined
Lower explosion limits:		not determined
Upper explosion limits:		not determined
Flash point:		not applicable
Auto-ignition temperature:		not determined
Decomposition temperature:		not determined
pH-Value:		6
Solubility in other solvents		not determined
Partition coefficient n-octanol/water:		SECTION 12: Ecological information
Vapour pressure:		not determined
Density:		not determined
Relative vapour density:		not determined

**9.2. Other information****Information with regard to physical hazard classes**

Explosive properties

Dust clouds can pose an explosion hazard.

Sustaining combustion:

Not sustaining combustion

Oxidizing properties

The product is not: oxidising.

**Other safety characteristics**

Evaporation rate:

not determined

Solid content:

not determined

according to UK REACH Regulation

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**SECTION 10: Stability and reactivity****10.1. Reactivity**

No hazardous reaction when handled and stored according to provisions.

**10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

No known hazardous reactions.

See chapter 10.5.

**10.4. Conditions to avoid**

Protect against: UV rays/sunlight. Heat.

**10.5. Incompatible materials**

Substances to avoid: Oxidizing agents, strong. Reducing agents, strong.

**10.6. Hazardous decomposition products**

Does not decompose when used for intended uses.

In case of fire the following may be released: Carbon monoxide, Carbon dioxide (CO<sub>2</sub>).

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in GB CLP Regulation****Acute toxicity**

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

**Irritation and corrosivity**

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

**Sensitising effects**

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

**Carcinogenic/mutagenic/toxic effects for reproduction**

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****Further information**

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

**SECTION 12: Ecological information****12.1. Toxicity**

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

**12.2. Persistence and degradability**

The product has not been tested.

**12.3. Bioaccumulative potential**

No indication of bioaccumulative potential.

**12.4. Mobility in soil**

The product has not been tested.

**12.5. Results of PBT and vPvB assessment**

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

The above statement applies to the substances contained in the product at a concentration of 0.1% or more.

#### **12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

The above statement applies to the substances contained in the product at a concentration of 0.1% or more.

#### **12.7. Other adverse effects**

No information available.

#### **Further information**

Avoid release to the environment.

### SECTION 13: Disposal considerations

#### **13.1. Waste treatment methods**

##### **Disposal recommendations**

National legislation must also be observed! For waste disposal, contact the responsible, approved waste disposal company. Uncontaminated and completely emptied packaging can be recycled.

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Suggested list of waste codes/waste designations according to EAKV/AVV:

##### **List of Wastes Code - residues/unused products**

200130 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents other than those mentioned in 20 01 29

##### **List of Wastes Code - used product**

200130 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents other than those mentioned in 20 01 29

##### **List of Wastes Code - contaminated packaging**

150106 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); mixed packaging

##### **Contaminated packaging**

Handle contaminated packages in the same way as the substance itself.

### SECTION 14: Transport information

#### **Land transport (ADR/RID)**

<b><u>14.1. UN number or ID number:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.2. UN proper shipping name:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.3. Transport hazard class(es):</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.4. Packing group:</u></b>	No dangerous good in sense of this transport regulation.

#### **Inland waterways transport (ADN)**

<b><u>14.1. UN number or ID number:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.2. UN proper shipping name:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.3. Transport hazard class(es):</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.4. Packing group:</u></b>	No dangerous good in sense of this transport regulation.

#### **Marine transport (IMDG)**

<b><u>14.1. UN number or ID number:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.2. UN proper shipping name:</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.3. Transport hazard class(es):</u></b>	No dangerous good in sense of this transport regulation.
<b><u>14.4. Packing group:</u></b>	No dangerous good in sense of this transport regulation.

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**Air transport (ICAO-TI/IATA-DGR)**

<b>14.1. UN number or ID number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

See sections 6 - 8

**14.7. Maritime transport in bulk according to IMO instruments**

No dangerous good in sense of this transport regulation.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

**Additional information**

Safety data sheet according to Regulation (EC) No 1907/2006 (amended by Regulation (EU) No 2020/878)  
 The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].  
 REACH 1907/2006 Annex XVII, No. (mixture): not relevant

**National regulatory information**

Water hazard class (D): 1 - slightly hazardous to water

**15.2. Chemical safety assessment**

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

**SECTION 16: Other information****Changes**

Rev. 1.0; new creation 19.11.2018  
 Rev. 2.0; Update 08.09.2022

**Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (Europäisches Übereinkommen über die internationale Beförderung gefährlicher Güter auf der Straße)  
 AwSV: Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen  
 AVV: Abfallverzeichnisverordnung  
 CAS: Chemical Abstracts Service  
 CLP: Classification, Labelling and Packaging of substances and mixtures  
 DNEL: Derived No Effect Level  
 d: day(s)  
 EAKV: Europäisches Abfallverzeichnis gemäß Entwurf Abfallverzeichnisverordnung  
 EINECS: European INventory of Existing Commercial chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 ECHA: European Chemicals Agency  
 EWC: European Waste Catalogue  
 IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
 ICAO: International Civil Aviation Organization  
 ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

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GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
 GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)  
 h: hour  
 LOAEL: Lowest observed adverse effect level  
 LOAEC: Lowest observed adverse effect concentration  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 NOAEL: No observed adverse effect level  
 NOAEC: No observed adverse effect concentration  
 NLP: No-Longer Polymers  
 N/A: not applicable  
 OECD: Organisation for Economic Co-operation and Development  
 PNEC: predicted no effect concentration  
 PBT: Persistent bioaccumulative toxic  
 RID: Reglement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail )  
 REACH: Registration, Evaluation, Authorisation of Chemicals  
 SVHC: substance of very high concern  
 TRGS: Technische Regeln für Gefahrstoffe  
 UN/NU: United Nations (Vereinte Nationen)  
 VOC: Volatile Organic Compounds  
 VwVwS: Verwaltungsvorschrift wassergefaehrdender Stoffe  
 WGK: Wassergefaehrdungsklasse

**Further Information**

Classification according to Regulation (EC) No 1272/2008 [CLP] - Classification procedure:  
 Health hazards: calculation methods.  
 Environmental hazards: calculation methods.  
 Physical hazards: Based on test data and/or calculated and/or estimated.

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.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*