

**Safety data sheet**  
according to Regulation (EC) No 1907/2006, Article 31

Printing date 28.01.2026

Version number 101 (replaces version 1)

Revision: 28.01.2026

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

**1.1 Product identifier**

Trade name **BILANZ FRESH**

UFI: 1800-POVS-T00R-TDGW

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

No further relevant information available.

**Application of the substance / the mixture** Toilet cleaner

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

**Manufacturer/Supplier:**

ARCORA® International GmbH

Marsstraße 9

D-85609 Aschheim

Telefon: +49 (0)89 / 14 33 29 3-0

Telefax: +49 (0)89 / 14 33 29 3-29

E-Mail: info@arcora.de

**Informing department:** Product safety department

**1.4 Emergency telephone number:**

Beratungsstelle bei Vergiftungen, Berlin (Giftnotrufzentrale Charité)

Tel.: +49 (0) 30 / 30686-700 (Beratung in Deutsch und Englisch)

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

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

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

**Additional information:**

The classification of the mixture is based on the additivity principle of the ingredients to be considered as laid down in the CLP Regulation, taking into account specified substance-specific concentration limits (if available).

**2.2 Label elements**

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

The product is classified and labelled according to the CLP regulation.

**Hazard pictograms**



GHS07

**Signal word** Warning

**Hazard statements**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

**Precautionary statements**

P280

Wear protective gloves / eye protection / face protection.

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P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

**2.3 Other hazards**

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Determination of endocrine-disrupting properties**

The substance/mixture does not contain components in quantities of 0.1% or more considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605.

**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures**

**Description:** Mixture of the substances listed below with harmless additions (aqueous solution).

**Dangerous components:**

CAS: 5329-14-6 EINECS: 226-218-8 Reg.nr.: 01-2119488633-28	sulphamidic acid ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Aquatic Chronic 3, H412	≥10-<25%
CAS: 5949-29-1 EINECS: 201-069-1 Reg.nr.: 01-2119457026-42	citric acid monohydrate ⚠ Eye Irrit. 2, H319; STOT SE 3, H335	≥1-<2.5%

**SVHC**

This product does not contain any substances of very high concern (REACH Regulation (EC) No 1907/2006, Article 57).

**Regulation (EC) No 648/2004 on detergents / Labelling for contents**

non-ionic surfactants, perfumes (TERPINEOL, LINALOOL, DIPENTENE)	<5%
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**Additional information** For the wording of the listed hazard phrases refer to section 16.

**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

**General advice:** Change contaminated clothing

**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 several minutes under running water. If symptoms persist, consult doctor.

**After swallowing**

Rinse out mouth and then drink plenty of water.

Seek medical treatment.

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**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***CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.***For safety reasons unsuitable extinguishing agents** *Water with a full water jet.***5.2 Special hazards arising from the substance or mixture***Thermal decomposition may release irritant gases and vapours***5.3 Advice for firefighters****Protective equipment:***See section 8.**Wear full protective suit with 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***Wear protective equipment and keep unprotected persons away.***6.2 Environmental precautions:***Dilute with much water.**If large amounts are released, the authorities must be informed.***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** *Keep containers tightly sealed.***Information about protection against explosions and fires:** *No special measures required.***7.2 Conditions for safe storage, including any incompatibilities****Storage** *Keep containers tightly closed. Store in cool, dry conditions.***Requirements to be met by storerooms and containers:***Observe official regulations on storage and handling of water hazardous substances***Information about storage in one common storage facility:** *Not required.***Further information about storage conditions:** *None.*

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**Storage class**

12 Non-flammable liquids (TRGS 510, Storage of hazardous substances in portable containers)

**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:**

**PNECs**

**CAS: 5329-14-6 sulphamidic acid**

PNEC aqua	1.8 mg/l (fresh water) 0.18 mg/l (marine water)
PNEC	20 mg/l (STP (sewage treatment plant))
PNEC	5 mg/kg dw (soil)
PNEC sediment	8.36 mg/kg dw (fresh water) 0.84 mg/kg dw (marine water)

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

**8.2 Exposure controls**

**Appropriate engineering controls** No further data; see section 7.

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

**General protective and hygienic measures**

Keep away from food, beverages and fodder.

Instantly remove any soiled and impregnated garments.

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

Avoid contact with the eyes and skin.

**Breathing equipment:** Not required.

**Hand protection**

Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**

Nitrile rubber, NBR

Butyl rubber, BR

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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye/face protection** Safety glasses

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**Body protection:** Light weight protective clothing

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**SECTION 9: Physical and chemical properties**

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

**General Information**

<b>Physical state</b>	liquid
<b>Colour:</b>	Light red
<b>Smell:</b>	Pleasant
<b>Odour threshold:</b>	Not determined.
<b>Melting point/freezing point:</b>	Not determined
<b>Boiling point or initial boiling point and boiling range</b>	>100 °C
<b>Flammability</b>	Not applicable.
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Flash point:</b>	Product is non-flammable nor potentially explosive
<b>Auto-ignition temperature:</b>	(lowest level for individual components)
<b>Decomposition temperature:</b>	Not determined.
<b>pH at 20 °C</b>	ca. 1-2
<b>pH-value:</b>	
<b>Viscosity:</b>	
<b>Kinematic viscosity</b>	Not determined.
<b>dynamic:</b>	Not determined.
<b>Solubility</b>	
<b>Water:</b>	Fully miscible
<b>Partition coefficient n-octanol/water (log value)</b>	Not applicable for mixtures.
<b>Vapour pressure:</b>	Not determined.
<b>Density and/or relative density</b>	
<b>Density at 20 °C</b>	1.059 g/cm <sup>3</sup>
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Particle characteristics</b>	Not relevant (liquid)

**9.2 Other information**

<b>Appearance:</b>	
<b>Form:</b>	Fluid
<b>Important information on protection of health and environment, and on safety.</b>	
<b>Self-inflammability:</b>	Product is not selfigniting.
<b>Explosive properties:</b>	Product is not potentially explosive
<b>Change in condition</b>	
<b>Evaporation rate</b>	Not determined.

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**Information with regard to physical hazard classes**

<b>Explosives</b>	Void
<b>Flammable gases</b>	Void
<b>Aerosols</b>	Void
<b>Oxidising gases</b>	Void
<b>Gases under pressure</b>	Void
<b>Flammable liquids</b>	Void
<b>Flammable solids</b>	Void
<b>Self-reactive substances and mixtures</b>	Void
<b>Pyrophoric liquids</b>	Void
<b>Pyrophoric solids</b>	Void
<b>Self-heating substances and mixtures</b>	Void
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
<b>Oxidising liquids</b>	Void
<b>Oxidising solids</b>	Void
<b>Organic peroxides</b>	Void
<b>Corrosive to metals</b>	Void
<b>Desensitised explosives</b>	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 according to specifications.

**10.3 Possibility of hazardous reactions** No dangerous reactions known

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

**10.5 Incompatible materials:**

strong oxidizing agents

Strong bases

**10.6 Hazardous decomposition products:**

Thermal decomposition can produce a variety of compounds, the precise nature of which will depend on the decomposition conditions.

**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.

**LD/LC50 values that are relevant for classification:**

**CAS: 5329-14-6 sulphamidic acid**

Oral	LD50	3,160 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)

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**CAS: 5949-29-1 citric acid monohydrate**

Oral	LD50	5,400 mg/kg (rat)
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Dermal	LD50	>2,000 mg/kg (rat)
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**Primary irritant effect:**

**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/irritation**

Causes serious eye irritation.

**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**

Not all ingredients are listed

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Aquatic toxicity:**

The mixture has been classified according to Article 4.1.3.5 of the CLP Regulation based on the available data of the components (summation method):

The mixture has no aquatic toxicity.

**12.2 Persistence and degradability** No further relevant information available.

**12.3 Bioaccumulative potential** No further relevant information available.

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

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

The following advice is related to new material and not to any processed products. In case of a mixture with other products other disposal methods may become necessary. If in doubt seek advice from product supplier or from local authorities.

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**Recommendation**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**Waste disposal key number:**

Since 01/01/99 the waste code numbers have not only been product-related but are also essentially application-related. The valid waste code number of the application can be obtained from the European waste catalogue.

**Uncleaned packagings:** Disposal must be made according to official regulations.

**Recommendation:**

After complete emptying and cleaning, send to be reconditioned or recycled.

Rented packaging: After optimal emptying, close immediately and return to the supplier without cleaning. Care should be taken that no other materials get into the packaging.

Other containers: After complete emptying and cleaning, send to be reconditioned or recycled.

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

**SECTION 14: Transport information**

**14.1 UN number or ID number**

ADR, IMDG, IATA

Void

**14.2 UN proper shipping name**

ADR, IMDG, IATA

Void

**14.3 Transport hazard class(es)**

ADR, IMDG, IATA

Class

Void

**14.4 Packing group**

ADR, IMDG, IATA

Void

**14.5 Environmental hazards:**

Marine pollutant:

No

**14.6 Special precautions for user**

Not applicable.

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

Not applicable.

UN "Model Regulation":

Void

**SECTION 15: Regulatory information**

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

**TSCA (Toxic Substances Control Act)**

All ingredients are listed.

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**Canadian Domestic Substances List (DSL)**

All ingredients are listed.

**Philippines Inventory of Chemicals and Chemical Substances (PICCS)**

Not all ingredients are listed

**Chinese Chemical Inventory of Existing Chemical Substances (IECSC)**

All ingredients are listed.

**Australian Inventory of Industrial Chemicals (AIIC)**

All ingredients are listed.

**Korean Existing Chemical Inventory (KECI)**

All ingredients are listed.

**New Zealand Inventory of Chemicals (NZIoC)**

All ingredients are listed.

**Taiwan Chemical Substance Inventory (TCSI)**

All ingredients are listed.

**Japan - Existing Chemical Substances (ENCS)**

All ingredients are listed.

**Directive 2012/18/EU**

**Named dangerous substances - ANNEX I (12. BlmSchV)** Not all ingredients are listed

**REGULATION (EU) 2019/1021 on persistent organic pollutants (POP)**

Not all ingredients are listed

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

Not all ingredients are listed

**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

**Regulation (EU) No 649/2012**

Not all ingredients are listed

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

Not all ingredients are listed

**REGULATION (EU) 2019/1148**

**Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

Not all ingredients are listed

**Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

Not all ingredients are listed

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

Not all ingredients are listed

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

Not all ingredients are listed

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**REGULATION (EU) 2024/590 on substances that deplete the ozone layer**

Not all ingredients are listed

**National regulations**

**Information about limitation of use:**

Employment restrictions concerning young persons must be observed.

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

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

**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. In accordance with Annex II of EC No 1907/2006 as applicable on the date of this safety data sheet.

**Registration-Number**

**Relevant phrases**

Complete wording of hazard statements and risk phrases (H- and R-phrases) mentioned in section 3. These phrases refer to the constituents. The labelling for this product is stated in section 2.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

**Registration-Number**

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

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

**Date of previous version:** 03.09.2024

**Version number of previous version:** 1

**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 and RCR= Estimated Exposition/DNEL)

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)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

SVHC: Substance of Very High Concern

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Skin Irrit. 2: Skin corrosion/irritation – Category 2

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*Eye Irrit. 2: Serious eye damage/eye irritation – Category 2*

*STOT SE 3: Specific target organ toxicity (single exposure) – Category 3*

*Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3*

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

EU