

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 05.03.2016

Version number 1

Revision: 05.05.2015

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

- **1.1 Product identifier**
- **Trade name:** *Venta Hygienemittel EU-RL*
- **Registration number**
Mixtures are exempt from registration.
The Registration numbers of the ingredient substances (where available) see in section 3
- **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** Water treatment additive-surface tension modifier
- **Uses advised against** The product is not suitable for use in Ultrasonic humidifiers or humidifiers using heat.
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Venta Luftwäscher GmbH
Weltestr. 5
D-88250 Weingarten
Telefon: ++49(0)751 / 50 08-0
Telefax: ++49(0)751 / 50 08-20
- **Informing department:** Product Safety Department: info@usab.de
- **1.4 Emergency telephone number:**
(Emergency Information - international 24 h)
GIFTNOTRUF BERLIN
D-13437 Berlin
Tel.: ++49 (0)30 / 19 240

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 as hazardous 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.

SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
 - **Description:** Mixture of hazardous substances listed below with other additions.
 - **Dangerous components:** Void
 - **Regulation (EC) No 648/2004 on detergents / Labelling for contents**
The used preservative is a combination of MIT/BIT (2-Methylisothiazolinon-3-on and 1,2-Benzisothiazol-3-on.
The maximum used concentration follows Guideline 2.ATP.
- | | |
|--------------|------|
| phosphonates | < 5% |
|--------------|------|
- **Additional information** For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information** No special measures required.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact** If skin irritation continues, consult a doctor.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** Rinse out mouth and then drink plenty of water.
- **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.

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- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

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SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents**
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **5.2 Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
- **Protective equipment:**
Wear self-contained breathing apparatus.
Wear full protective suit.

* **SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures** Ensure adequate ventilation
- **6.2 Environmental precautions:**
Do not allow to enter the ground/soil.
Dilute with much water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **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.
No special measures required.
- **Information about protection against explosions and fires:** The product is not flammable
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:**
Store only in the original container and in a cool location.
- **Information about storage in one common storage facility:**
Store away from oxidising agents.
Store away from foodstuffs.
- **Further information about storage conditions:** Protect from frost.
- **Recommended storage temperature:** (5 °C up to < 30 °C)
- **Storage class** N.a.
- **Class according to regulation on inflammable liquids:** Void
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **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.
- **Additional information:** The lists that were valid during the compilation were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures** Do not eat, drink or smoke while working.
- **Breathing equipment:** Not necessary if room is well-ventilated.

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• **Protection of hands:**

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

• **Material of gloves**

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.

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

• **Eye protection:** Safety glasses recommended during refilling.

• **Body protection:** Protective work clothing.

SECTION 9: Physical and chemical properties

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

• **General Information**

• **Appearance:**

Form:	Fluid
Colour:	Colourless
Smell:	Nearly odourless
Odour threshold:	Not determined.

• **pH-value at 20 °C:** 8 (DIN 38404 C5)

• **Change in condition**

Melting point/Melting range:	Not determined
Boiling point/Boiling range:	100 °C
Flash point:	Not applicable

• **Inflammability (solid, gaseous)** Not applicable.

• **Ignition temperature:**

Decomposition temperature: Not determined.

• **Self-inflammability:** Product is not selfigniting.

• **Danger of explosion:** Product is not explosive.

• **Critical values for explosion:**

Lower:	Not determined.
Upper:	Not determined.

• **Steam pressure:** Not determined.

• **Density at 20 °C** 1.002 g/cm³ (DIN 51757)

• **Relative density** Not determined.

• **Vapour density** Not determined.

• **Evaporation rate** Not determined.

• **Solubility in / Miscibility with**

Water: Fully miscible

• **Partition coefficient (n-octanol/water):** Not determined.

• **Viscosity:**

dynamic: Not determined.

kinematic: Not determined.

• **Solvent content:**

Organic solvents: 2.0 %

Water: 94.3 %

• **9.2 Other information** No further relevant information available.

SECTION 10: Stability and reactivity

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

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- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** Reacts with oxidizing agents
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**
Possible in traces.
Irritant gases/vapours
Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation** Can irritate on prolonged or repeated contact.
- **Serious eye damage/irritation** Can irritate on prolonged or repeated contact.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **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.

SECTION 12: Ecological information

BOD: No specific information is available.
COD: No specific information is available.

- **12.1 Toxicity**
- **Aquatic toxicity:**
No specific information is available.
This product is a preparation which according to EC legislation, does not as yet require environmental classification. It does not contain constituents which are hazardous to aquatic organism.

Fish LC50 (96hr) : Not determined.
Daphnia EC50 (48hr) : Not determined.
Algal IC50 (72hr) : Not determined.
- **12.2 Persistence and degradability** No further relevant information available.
- **Degree of elimination:** No specific information is available.
- **Behaviour in environmental systems:**
- **Components:** No specific information is available.
- **12.3 Bioaccumulative potential** No specific information is available.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Toxicity to Terrestrial Organisms**
No information is available on the impact of this product on the terrestrial eco-system; but it is unlikely to be found a significant concentration in this environmental compartment.
- **Additional ecological information:**
- **General notes:**
The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
Water hazard class 1 (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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· **12.6 Other adverse effects** No further relevant information available.

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SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation**

Disposal must be made according to official regulations.
 Smaller quantities can be disposed with household garbage.

· **Waste disposal key number:** N.a.

· **European waste catalogue**

06 00 00	WASTES FROM INORGANIC CHEMICAL PROCESSES
06 03 00	wastes from the MFSU of salts and their solutions and metallic oxides
06 03 99	wastes not otherwise specified

· **Uncleaned packagings:**

· **Recommendation:** Disposal must be made according to official regulations.

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

SECTION 14: Transport information

· **14.1 UN-Number**

· **ADR, ADN, IMDG, IATA** Void

· **14.2 UN proper shipping name**

· **ADR, ADN, IMDG, IATA** Void

· **14.3 Transport hazard class(es)**

· **ADR**

· **Class**

Void

Not subject to ADR/RID-GGVS/E.

· **ADN/R 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 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

· **Transport/Additional information:**

Not dangerous according to the above specifications.

· **UN "Model Regulation":**

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

· **Precautionary statements**

Dispose of contents/container in accordance with local/regional/national/international regulations.
 KEEP OUT OF THE REACH OF CHILDREN.

· **Directive 2012/18/EU**

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

· **National regulations**

· **Information about limitation of use:** -

· **Decree to be applied in case of technical fault:** -

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· **Technical instructions (air):**

Class	Share in %
NK	2.0

- **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

This MSDS (Material Safety Data Sheet) sheet was prepared in compliance with Commission Directive 1907/2006/EEC as well as their relevant amendements, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations. All informations and instructions provided in this MSDS are based on the current state scientific and technical knowledge at the date indicated on the present MSDS.

It is the responsibility of person in receipt of this MSDS to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produces a formulation containing this product, it is the recipients sole responsibility to ensure the transfer of all relevant information from this MSDS to their own MSDS in compliance with the Commission Directive 1907/2006/EEC.

These statements solely describe the safety demands of the product and base according to the best of our belief on our today's knowledge. They, however, do not represent any assurance towards properties of the product within the sense of liability, resp. guaranty regulations and thus are given without any obligation. All MSDS older than the current version lose the validity and are replaced by this latest version.

- **Department issuing data specification sheet:** Product Safety Department.
- **Contact:** Mr. R. Scholz

· **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)

ADR: Accord européen sur le transport 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 Harmonised System of Classification and Labelling of Chemicals

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)

VbF: Verordnung über brennbare Flüssigkeiten, Österreich (Ordinance on the storage of combustible liquids, Austria)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

· **Sources**

GESTIS Database: (<http://www.hvbg.de/d/bia/gestis/stoffdb/index.html>)

European Chemicals Bureau: (<http://ecb.jrc.it/>)

MSDS of the raw material suppliers.

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

None