

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

- **Product identifier**
- **Trade name:** WEKO-RK 2 Reinigungskonzentrat
- **Article number:** 808505
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the mixture** Cleaning agent/ Cleaner
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Schill+Seilacher GmbH
Schoenaicher Strasse 205
D-71032 Boeblingen
Tel.: +49 7031 282-0
Fax: +49 7031 282-160
- **Informing department:**
Product Safety Department
Tel.: +49 7031 282-126, -330
Fax: +49 7031 282-9251
E-Mail: product.safety@schillseilacher.de
- **Emergency telephone number:** Tel.: +441865407333 NCEC

SECTION 2: Hazards identification

- **Classification of the substance or mixture**
Eye Irrit. 2 H319 Causes serious eye irritation.
Skin Sens. 1 H317 May cause an allergic skin reaction.
STOT RE 2 H373 May cause damage to the respiratory system through prolonged or repeated exposure. Route of exposure: Inhalation.
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

· **Label elements**

- **GHS label elements**
The product is classified and labelled according to the Globally Harmonised System (GHS).

· **Hazard pictograms**

GHS07 GHS08

- **Signal word** Warning
- **Hazard-determining components of labelling:**
1,3,5-tris-(2-hydroxyethyl)-1,3,5-hexahydrotriazine
- **Hazard statements**
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H373 May cause damage to the respiratory system through prolonged or repeated exposure. Route of exposure: Inhalation.
H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements**
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P302+P352 IF ON SKIN: Wash with plenty of 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.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P404 Store in a closed container.

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GB



Safety data sheet

according to UK REACH

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P501 Dispose of contents/container in accordance with local/regional/national/international regulations. (Contd. of page 1)

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **Mixtures**
- **Description:** Aqueous solution of surfactants and disinfectants

· **Dangerous components:**

CAS: 69013-18-9	Alcohols, C8-18, ethoxylated propoxylated Eye Irrit. 2, H319	≥2.5-<10%
CAS: 4719-04-4 EINECS: 225-208-0 Reg.nr.: 01-2119529226-41	1,3,5-tris-(2-hydroxyethyl)-1,3,5-hexahydrotriazine Acute Tox. 2, H330; STOT RE 1, H372; Acute Tox. 4, H302; Eye Irrit. 2, H319; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.1 %	≥2.5-<10%
CAS: 102782-43-4	Undecyl alcohol, ethoxylated, propoxylated Acute Tox. 4, H302; Eye Irrit. 2, H319	≥1-<2.5%
CAS: 52-51-7 EINECS: 200-143-0 Reg.nr.: 01-2119980938-15	2-bromo-2-nitropropane-1,3-diol Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Irrit. 2, H315; STOT SE 3, H335	≥0.25-<1%

- **additional information** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- **Description of first aid measures**
- **General information** Instantly remove any clothing soiled by the product.
- **After inhalation** Supply fresh air and call for doctor for safety reasons.
- **After skin contact** Instantly wash with water and soap and rinse thoroughly.
- **After eye contact**
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing** In case of persistent symptoms consult doctor.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Wear protective clothing.
- **Environmental precautions:** Do not allow product to reach sewage system or water bodies.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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- **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

- **Precautions for safe handling** Prevent formation of aerosols.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **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.
- **Exposure controls**
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures**
The usual precautionary measures should be adhered to in handling the chemicals.
Instantly remove any soiled and impregnated garments.
Avoid contact with the eyes and skin.
- **Breathing equipment:** Use breathing protection only when aerosol or mist is formed.
- **Hand protection** Protective gloves.
- **Material of gloves** Nitrile rubber, NBR
- **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
- **Body protection:** Protective work clothing.

SECTION 9: Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Physical state** Liquid
- **Colour:** Colourless
- **Smell:** Characteristic
- **Odour threshold:** Not determined.
- **Melting point/freezing point:** Not determined
- **Boiling point or initial boiling point and boiling range** 100 °C (H₂O)
- **Flash point:** Not applicable
- **Decomposition temperature:** Not determined.
- **pH at 20 °C** ~ 11.0
- **Viscosity:**
- **Kinematic viscosity** Not determined.
- **Solubility**
- **Water:** Fully miscible
- **Partition coefficient n-octanol/water (log value)** Not determined.
- **Vapour pressure at 20 °C:** 23 hPa (H₂O)

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· Density and/or relative density	
· Density at 20 °C	~ 1.0 g/cm ³
· Other information	
· Appearance:	
· Form:	Liquid
· Important information on protection of health and environment, and on safety.	
· Self-inflammability:	Product is not self-ignitable
· Explosive properties:	Product is not explosive.
· Information with regard to physical hazard classes	
· 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

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** None

SECTION 11: Toxicological information

- **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:		
Inhalative	LC50/4 h	>10 mg/l (rat) (ATE mix dust/mist)

69013-18-9 Alcohols, C8-18, ethoxylated propoxylated		
Oral	LD50	>2,000 mg/kg (rat)

4719-04-4 1,3,5-tris-(2-hydroxyethyl)-1,3,5-hexahydrotriazine		
Oral	LD50	500-2,000 mg/kg (rat)
Inhalative	LC50/4 h	0.05 mg/l (rat)

102782-43-4 Undecyl alcohol, ethoxylated, propoxylated		
Oral	LD50	>300-2,000 mg/kg (rat)

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52-51-7 2-bromo-2-nitropropane-1,3-diol

Oral	LD50	305 mg/kg (rat)
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- **Primary irritant effect:**
- **Serious eye damage/irritation**
Causes serious eye irritation.
- **Respiratory or skin sensitisation** May cause an allergic skin reaction.
- **STOT-repeated exposure**
May cause damage to the respiratory system through prolonged or repeated exposure. Route of exposure: Inhalation.
- **Information on other hazards**

· Endocrine disrupting properties
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None of the ingredients is listed.

SECTION 12: Ecological information· **Toxicity**· **Aquatic toxicity:****69013-18-9 Alcohols, C8-18, ethoxylated propoxylated**

EC50/48h	>1 mg/l (Daphnia magna)
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4719-04-4 1,3,5-tris-(2-hydroxyethyl)-1,3,5-hexahydrotriazine

LC50/96h	39 mg/l (fish)
EC20/0,5h	170 mg/l (activated sludge)
EC50/48h	26 mg/l (Daphnia magna)
EC50/72h	6.66 mg/l (Desmodesmus subspicatus)

52-51-7 2-bromo-2-nitropropane-1,3-diol

LC50/96h	41.2 mg/l (Oncorhynchus mykiss)
EC50/48h	1.4 mg/l (Daphnia magna)
EC50/72h	0.4 mg/l (algae)

- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Endocrine disrupting properties**
The product does not contain substances with endocrine disrupting properties.
- **Other adverse effects**
- **Additional ecological information:**
- **General notes:**
Do not allow product to reach ground water, water bodies or sewage system.
Do not allow product to reach ground water, water bodies or sewage system, even in small quantities.
Danger to drinking water if even extremely small quantities leak into soil.

SECTION 13: Disposal considerations

- **Waste treatment methods**
- **Recommendation**
Must not be disposed of together with household waste. Do not allow product to reach sewage system.
Must be specially treated under adherence to official regulations.
- **Uncleaned packagings:**
- **Recommendation:** Packaging can be reused or recycled after cleaning.

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SECTION 14: Transport information

· UN number or ID number	
· ADR, ADN, IMDG, IATA	Not applicable
· UN proper shipping name	
· ADR, ADN, IMDG, IATA	Not applicable
· Transport hazard class(es)	
· ADR, ADN, IMDG, IATA	
· Class	Not applicable
· Packing group	
· ADR, IMDG, IATA	Not applicable
· Environmental hazards:	
· Marine pollutant:	No
· Special precautions for user	Not applicable.
· Maritime transport in bulk according to IMO instruments	Not applicable.
· UN "Model Regulation":	Not applicable

SECTION 15: Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
No further relevant information available.
- Poisons Act

· Regulated explosives precursors

None of the ingredients is listed.

· Regulated poisons

None of the ingredients is listed.

· Reportable explosives precursors

None of the ingredients is listed.

· Reportable poisons

None of the ingredients is listed.

· GHS label elements

The product is classified and labelled according to the Globally Harmonised System (GHS).

· Hazard pictograms



GHS07 GHS08

· Signal word Warning

· Hazard-determining components of labelling:

1,3,5-tris-(2-hydroxyethyl)-1,3,5-hexahydrotriazine

· Hazard statements

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H373 May cause damage to the respiratory system through prolonged or repeated exposure. Route of exposure: Inhalation.

H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements

- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
 P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
- P302+P352 IF ON SKIN: Wash with plenty of 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.
- P308+P313 IF exposed or concerned: Get medical advice/attention.
 P404 Store in a closed container.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **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.

Relevant phrases

- H302 Harmful if swallowed.
 H312 Harmful in contact with skin.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H318 Causes serious eye damage.
 H319 Causes serious eye irritation.
 H330 Fatal if inhaled.
 H335 May cause respiratory irritation.
 H372 Causes damage to organs through prolonged or repeated exposure.
 H400 Very toxic to aquatic life.
 H410 Very toxic to aquatic life with long lasting effects.

- **Department issuing data specification sheet:** Product Safety Department

- **Date of previous version:** 09.01.2023

- **Version number of previous version:** 1

Abbreviations and acronyms:

- GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 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
 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)
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative
 Acute Tox. 4: Acute toxicity – Category 4
 Acute Tox. 2: Acute toxicity – Category 2
 Skin Irrit. 2: Skin corrosion/irritation – Category 2
 Eye Dam. 1: Serious eye damage/eye irritation – Category 1
 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
 Skin Sens. 1: Skin sensitisation – Category 1
 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
 STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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