

1 Identification

- **Product identifier**
- **Trade name: Weko C 3**
- **Article number: 808695**
- **Application of the substance / the mixture** Paper chemical
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
 Schill + Seilacher GmbH
 Schönaicher Strasse 205
 D-71032 Böblingen
 Tel.: +49 7031 282-0
 Fax: +49 7031 282-160
- **Information 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.: +12024642554 NCEC

2 Hazard(s) identification

- **Classification of the substance or mixture**
 Skin Irrit. 2 H315 Causes skin irritation.
 Eye Irrit. 2A H319 Causes serious eye irritation.
 Skin Sens. 1 H317 May cause an allergic skin reaction.
- **Label elements**
- **GHS label elements**
 The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard-determining components of labeling:**
 1,2-benzisothiazol-3(2H)-one
 2-Methyl-2H-isothiazol-3-one
- **Hazard statements**
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H317 May cause an allergic skin reaction.
- **Precautionary statements**
 P280 Wear protective gloves/protective clothing/eye protection/face 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.
 P313 Get medical advice/attention.
 P404 Store in a closed container.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Health = 2
 Fire = 1
 Reactivity = 0

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· **HMIS-ratings (scale 0 - 4)**

HEALTH	2	Health = 2
FIRE	1	Fire = 1
REACTIVITY	0	Reactivity = 0

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

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Preparation of surfactants

· Dangerous components:		
102782-43-4	Undecyl alcohol, ethoxylated, propoxylated	≥50-≤100%
2634-33-5	1,2-benzisothiazol-3(2H)-one	≥0.1-<1%
2682-20-4	2-Methyl-2H-isothiazol-3-one	≥0.1-<1%

4 First-aid measures

- **Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for 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.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** CO2, extinguishing powder or water spray. Fight larger fires with water spray.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

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 any water course.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **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 disposal information.

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7 Handling and storage

- **Handling:**
- **Precautions for safe handling** No special measures required.
- **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 receptacles:** 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.

8 Exposure controls/personal protection

- **Control parameters**
- **Components with limit 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**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
 The usual precautionary measures for handling chemicals should be followed.
 Immediately remove all soiled and contaminated clothing.
 Avoid contact with the eyes and skin.
- **Breathing equipment:** Not required.
- **Protection of hands:** Protective gloves
- **Material of gloves** Nitrile rubber, NBR
- **Penetration time of glove material**
 The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing

9 Physical and chemical properties

· Information on basic physical and chemical properties	
· General Information	
· Appearance:	
· Form:	Liquid
· Color:	Clear
· Odor:	Characteristic
· Odor threshold:	Not determined.
· pH-value (100 g/l) at 20 °C (68 °F): 4.0 - 5.0	
· Change in condition	
· Melting point/Melting range:	Undetermined.
· Boiling point/Boiling range:	Undetermined.
· Flash point:	>100 °C (>212 °F)
· Ignition temperature:	Nedefinit.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Vapor pressure:	Not determined.
· Density at 20 °C (68 °F):	~ 0.97 g/cm ³ (~8.09 lbs/gal)
· Solubility in / Miscibility with Water:	Fully miscible.

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· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / 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:** No dangerous decomposition products known.

11 Toxicological information

· **Information on toxicological effects**

· **Acute toxicity:**

· LD/LC50 values that are relevant for classification:		
Oral	LD50	>2,000 mg/kg (rat)
102782-43-4 Undecyl alcohol, ethoxylated, propoxylated		
Oral	LD50	>2,000 mg/kg (rat)
2634-33-5 1,2-benzisothiazol-3(2H)-one		
Oral	LD50	532 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)

· **Remark:**

The product has not been tested. This information is based upon the properties of the individual components.

· **Primary irritant effect:**

- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Strong irritant with the danger of severe eye injury.

· **Sensitization:** No sensitizing effects known.

· **Additional toxicological information:**

· **Carcinogenic categories**

· IARC (International Agency for Research on Cancer)
None of the ingredients is listed.
· NTP (National Toxicology Program)
None of the ingredients is listed.
· OSHA-Ca (Occupational Safety & Health Administration)
None of the ingredients is listed.

12 Ecological information

· **Toxicity**

· Aquatic toxicity:	
2634-33-5 1,2-benzisothiazol-3(2H)-one	
LC50/96h	1.6 mg/l (Oncorhynchus mykiss)
EC50/48h	3.27 mg/l (Daphnia magna)
EC50/72h	0.11 mg/l (Selenastrum capricornutum) (OECD 201)

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NOEC	1.2 mg/l (Daphnia magna) (OECD 211) 0.21 mg/l (Oncorhynchus mykiss) (OECD 215)
2682-20-4 2-Methyl-2H-isothiazol-3-one	
LC50/96h	6 mg/l (Oncorhynchus mykiss)
EC50/48h	1.6 mg/l (Daphnia magna)
EC50/72h	157 mg/l (Pseudokirchneriella subcapitata)
EC50/16h	2.3 mg/l (Pseudomonas putida)

- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Do not allow product to reach ground water or water course.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Must be specially treated adhering to official regulations.
- **Uncleaned packagings:**
- **Recommendation:** Packaging can be reused or recycled after cleaning.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

· UN-Number	Void
· DOT, ADR, ADN, IMDG, IATA	Void
· UN proper shipping name	Void
· DOT, ADR, ADN, IMDG, IATA	Void
· Transport hazard class(es)	Void
· DOT, ADR, ADN, IMDG, IATA	Void
· Class	Void
· Packing group	Void
· DOT, ADR, IMDG, IATA	Void
· Environmental hazards:	No
· Marine pollutant:	No
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· UN "Model Regulation":	Void

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15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara

· **Section 355 (extremely hazardous substances):**
 None of the ingredient is listed.

· **Section 313 (Specific toxic chemical listings):**
 None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**
 All components have the value ACTIVE.

· **Hazardous Air Pollutants**
 None of the ingredients is listed.

· **Proposition 65**
 · **Chemicals known to cause cancer:**
 None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**
 None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**
 None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**
 None of the ingredients is listed.

· **Carcinogenity categories**
 · **EPA (Environmental Protection Agency)**
 None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**
 None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**
 None of the ingredients is listed.

- **GHS label elements**
 The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard-determining components of labeling:**
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- **Hazard statements**

- H315 Causes skin irritation.
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- **Precautionary statements**
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
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Printing date 07/05/2019

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

16 Other information

- **Relevant phrases** Full text of the hazard statements indicated at point 3:

- **Department issuing SDS:** Product Safety Department

- **Date of preparation / last revision** 07/05/2019 / -

- **Abbreviations and acronyms:**

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer

ICAO: International Civil Aviation Organisation

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

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

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)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

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

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

Skin Sens. 1: Skin sensitisation – Category 1

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

USA