Safety data sheet

according to REACH Regulation (EC) No 1907/2006 as amended by Regulation (EU) 2020/878

Issue date: 26.09.2026 Version: 1.01 Revision date: 26.09.2026

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

1.1. Product identifier:

Product form: Mixture

Trade name: DESINFECT | SURFACE SHK+

BAUA No.: N-105780

Product type: Biocidal products

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

1.2.1. Relevant identified uses:

Use of the substance or mixture: Disinfectant

1.2.2. Uses advised against:

No further information available.

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

Manufacturer/Supplier

ZIMMER Reinigungstechnik GmbH
Raiffeisenstr. 6

97265 Hettstadt
T +49 (0) 931 404 539 60
F +49 (0) 931 404 539 61
E-mail of competent person: sds@kft.de
www.zimmer-reinigungstechnik.de – info@zimmer-reinigungstechnik.de

1.4. Emergency telephone number:

Country	Organisation/Company	Address	Emergency number	Remark
Germany	Toxicology department of the II. Medizinische Klinik und Poliklinik rechts der Isar, Technical University of Munich	Ismaninger Straße 22 81675 München	+49 (0) 89 19240	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008 [CLP]

Not classified.

According to Article 31 of the REACH Regulation, no safety data sheet is required for this product! This safety data sheet has been prepared on a voluntary basis.

Adverse physicochemical, human health and environmental effects

To the best of our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene.

2.2. Label elements:

Labelling according to Regulation (EC) No 1272/2008 [CLP]

Additional phrases: The labelling requirements of Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products must also be observed.

2.3. Other hazards:

Contains no PBT/vPvB substances ≥ 0.1 % according to REACH Annex XIII.

SECTION 3: Composition/information on ingredients

3.1. Substances: Not applicable.

3.2. Mixtures: This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of Annex II of the REACH Regulation.

SECTION 4: First aid measures

4.1. Description of first aid measures:

First-aid measures general: In all cases of doubt, or when symptoms persist, seek medical attention.

First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact: Wash skin with plenty of water.

First-aid measures after eye contact: Rinse eyes with water as a precaution.

First-aid measures after ingestion: Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed: No additional 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: Use extinguishing media appropriate for surrounding fire. Water spray. Dry powder, foam, carbon dioxide.

Unsuitable extinguishing media: Full water jet.

5.2. Special hazards arising from the substance or mixture:

Hazardous decomposition products in case of fire: Toxic fumes may be released. Chlorine.

5.3. Advice for firefighters:

Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Other information: Do not allow firefighting water to enter drains or watercourses. Disposal must be carried out in accordance with official regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:

6.1.1. For non-emergency personnel

Emergency procedures: Ventilate the spillage area.

6.1.2. For emergency responders

Protective equipment: Do not attempt to take action without suitable protective equipment. For further information, refer to section 8 “Exposure controls/personal protection”.

6.2. Environmental precautions: Prevent large quantities of the product from entering sewers or waterways. Do not dispose of where groundwater or surface water could be affected.

6.3. Methods and material for containment and cleaning up:

Methods for cleaning up: Take up liquid spill into absorbent material. Collect mechanically (wipe, sweep) and place in suitable containers for disposal.

6.4. Reference to other sections: For safe handling, see section 7. For personal protective equipment, see section 8. For further information, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling:

Precautions for safe handling: Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures: Do not eat or drink when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities:

Storage conditions: Store in a dry, cool and well-ventilated place. Protect from heat and direct sunlight.

Storage instructions: Keep away from food, drink and animal feedingstuffs.

7.3. Specific end use(s): No additional information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters:

8.1.1 National occupational exposure and biological limit values: No additional information available.

8.1.2 Recommended monitoring procedures: No additional information available.

8.1.3 Air contaminants formed: No additional information available.

8.1.4 DNEL and PNEC: No additional information available.

8.1.5 Control banding: No additional information available.

8.2 Exposure controls:

8.2.1 Appropriate engineering controls:

Appropriate engineering controls: Ensure good ventilation of the work station.

8.2.2 Personal protective equipment

8.2.2.1. Eye and face protection

Eye protection: Wear splash-proof goggles if eye contact due to splashing is possible. EN 166

8.2.2.2. Skin protection

Skin and body protection: Wear suitable protective clothing at work. EN ISO 13688, EN 13034.

Hand protection: Wear gloves in case of repeated or prolonged contact. Nitrile rubber. EN 374. The choice of a suitable glove depends not only on the material but also on other quality characteristics, which vary from manufacturer to manufacturer. Please observe the instructions provided by the manufacturer regarding permeability and breakthrough time. Gloves must be replaced after each use and whenever signs of wear or perforation appear.

8.2.2.3. Respiratory protection

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment. Respiratory protection device with filter, P2, EN 143. Details on usage requirements and maximum usage concentrations can be found in DGUV Rule 112-190 – Use of respiratory protective equipment. Respiratory protection should only be used to control the residual risk of short-term activities when all practicable measures to reduce the risk at the source have been taken, e.g. by containment and/or local exhaust ventilation.

8.2.2.4. Thermal hazards

No further information available.

8.2.3 Environmental exposure controls: No additional information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties:

Physical state	: Liquid	Flash point	:Not available
Colour	:Colourless	Ignition temperature	:Not available
Appearance	:Clear	Ignition temperature	:Not available
Odour	:Slightly of chlorine	Decomposition temp.	:Not available

Odour threshold	:Not available	Viscosity, kinematic	:Not available
Melting point	:Not applicable	Solubility	:Not available
Freezing point	:Not available	Partition coefficient n-	:Not available
Boiling point	:Not available	octanol/water (log Kow)	
Flammability	:Not available		
Explosive properties	:Not explosive	Vapour pressure	:Not available
	Vapour pressure at 50 °C	:Not available	
Oxidising properties	:Non-oxidising.	Density	:~ 1.019 g/cm³
		Relative density	:Not available
Explosive limits	:Not available	Relative vapour density	:Not available
Lower explosive limit	:Not available	at 20 °C	
Upper explosive limit	:Not available	Particle characteristics	:Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity: The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions: No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid: No additional information available.

10.5. Incompatible materials: No additional information available.

10.6. Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008:

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

ATE CLP (oral): > 2000 mg/kg body weight

Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met) pH value: 6.0 +/- 0.5
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met) pH value: 6.0 +/- 0.5
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
Specific target organ toxicity – single exposure	: Not classified (Based on available data, the classification criteria are not met)
Specific target organ toxicity –	: repeated exposure – Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)

11.2. Information on other hazards: No additional information available.

SECTION 12: Ecological information

12.1. Toxicity:

Hazardous to the aquatic environment, short-term (acute)	: Not classified (Based on available data, the classification criteria are not met)
Hazardous to the aquatic environment, long-term (chronic)	: Not classified (Based on available data, the classification criteria are not met)

12.2. Persistence and degradability:

The methods for determining biodegradability are not applicable to inorganic substances.

12.3. Bioaccumulative potential: No additional information available.

12.4. Mobility in soil: No additional information available.

12.5. Results of PBT and vPvB assessment: Contains no PBT/vPvB substances ≥ 0.1 % assessed in accordance with REACH Annex XIII.

12.6. Endocrine disrupting properties: No additional information available.

12.7. Other adverse effects: No additional information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods: No additional information available.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

	ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

No additional information available.

14.6. Special precautions for user:

Overland transport: Not applicable.

Transport by sea: Not applicable.

Air transport: Not applicable.

Inland waterway transport: Not applicable.

Rail transport: Not applicable.

14.7. Maritime transport in bulk according to IMO instruments: Not applicable.

SECTION 15: Regulatory information

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

15.1.1 EU regulations

Contains no substance subject to the restrictions of Annex XVII of the REACH Regulation.
Contains no REACH candidate substance.
Contains no substance listed in REACH Annex XIV.
Contains no substances subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.
Contains no substances subject to Regulation (EU) 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

Contains no substances subject to Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.
Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Other regulations, restrictions and prohibition regulations

In addition, the labelling requirements of Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products must be observed. Any advertisement for biocidal products must include the following statement: “Use biocides safely. Always read the label and product information before use.” Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products

Product types (biocidal product) :

2 - Disinfectants and algaecides not intended for direct application to humans or animals.
3 - Veterinary hygiene.
4 - Food and feed area.
5 - Drinking water.

Authorisation number : EU

Contains no substances listed as drug precursors (Regulation (EC) No 273/2004 on drug precursors).

15.1.2. National regulations

Germany

Water hazard class (WGK) : WGK 1, slightly hazardous to water (classification according to AwSV, Annex 1).

Major Accidents Ordinance (12th BImSchV) : Not subject to the 12th BImSchV

National regulations: BAUA

National rules and recommendations : TRGS 510: Storage of hazardous substances in non-stationary containers.

Storage class (LGK, TRGS 510) : LGK 12 – Non-combustible liquids.

15.2. Chemical safety assessment: No chemical safety assessment has been carried out.

SECTION 16: Other information

Data sources used to compile the data sheet: European Chemicals Agency, http://echa.europa.eu.
National occupational exposure limit lists of the respective countries in their currently valid versions.
Transport regulations according to ADR, RID, IMDG, IATA in the current version.
Data sheet issued by company/department:

KFT Chemieservice GmbH
Im Leuschnerpark 3
D-64347 Griesheim

Further information	This information is based on our current knowledge and is intended to describe the product solely with regard to health, safety and environmental requirements. It should therefore not be construed as guaranteeing any specific property of the product.

According to Article 31 of the REACH Regulation, no safety data sheet is required for this product! This safety data sheet has been prepared on a voluntary basis.