DESINFECT | INSTRUDENT
(BAUA No. 105774)

Safety Data Sheet
in accordance with REACH Regulation (EC) 1907/2006 including Amending Regulation (EU) 2020/878

Issue date: 26.09.2026 Version: 1.01 Revision date: 26.09.2026

SECTION 1: Name of the substance or mixture and the undertaking

1.1. Product identifier:

Product form:	Mixture
Trade Name:	DESINFECT | INSTRUDENT
BAUA No.:	N-105774
Product Type:	Biocide Products

1.2. Relevant identified uses of the substance or mixture and uses that are discouraged:

1.2.1. Relevant Identified Use:

Use of the substance or mixture: Disinfectants

1.2.2. Use of which it is discouraged:

No further information available.

1.3. Details of the supplier providing 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 Knowledgeable Person: sds@kft.de
www.zimmer-reinigungstechnik.de - info@zimmer-reinigungstechnik.de

1.4. Emergency number:

Country	Organization/Company	Address	Emergency number	Note
Germany	Toxicology Department of the II. Medical Clinic and Polyclinic rechts der Isar of the Technical University of Munich	Ismaninger Straße 22 81675 Munich	+49 (0) 89 19240	

SECTION 2: Possible Hazards

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.

Harmful physicochemical, health and environmental effects

To our knowledge, this product does not pose any particular risks if good occupational hygiene is observed.

2.2. Labelling elements:

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

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

2.3. Other hazards:

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

SECTION 3: Composition/ingredient information

3.1. Substances: Not applicable.

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

SECTION 4: First Aid Measures

4.1. Description of first aid measures:

First aid measures in general: In all cases of doubt or if symptoms persist, consult a doctor.

First aid measures after inhalation: Take the person out into the fresh air and ensure unhindered 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 swallowing: If you feel unwell, call a poison control center or doctor.

4.2. Main acute and delayed symptoms and effects: No further information available.

4.3. Indications for immediate medical help or special treatment: Treat symptomatically.

SECTION 5: Firefighting Measures

5.1. Extinguishing agents:

Suitable extinguishing agents: Use extinguishing agents suitable for environmental fires. Water spray jet. Dry extinguishing powder, foam, carbon dioxide.

Unsuitable extinguishing agents: water in a full stream.

5.2. Specific hazards posed by the substance or mixture:

Dangerous decay products in the event of a fire: Possible release of toxic smoke gases. Chlorine.

5.3. Instructions for firefighting:

Protection during firefighting: Do not attempt to act without suitable protective equipment. Ambient air-independent breathing apparatus. Complete protective clothing.

Other information: Do not allow extinguishing water to enter the sewer system or watercourses. Disposal must be carried out in accordance with official regulations.

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and procedures to be used in emergencies:

6.1.1. Personnel not trained for emergencies

Emergency measures: Ventilate the contaminated area.

6.1.2. Emergency services

Protective equipment: Do not attempt to work without appropriate protective equipment. Other information: see Section 8 "Limitation and monitoring of exposure/Personal protective equipment".

6.2. Environmental measures: Do not allow large quantities of the product to enter the sewer system or watercourses. Do not landfill if groundwater or surface water may be affected.

6.3. Methods and materials for retention and purification:

Cleaning procedure: Absorb spilled liquid with absorbent. Pick up mechanically (wipe up, sweep up) and collect in suitable containers for disposal.

6.4. Reference to other sections: Safe handling instructions, see section 7. Use personal protective equipment, see section 8. For more information, see section 13.

SECTION 7: Handling and Storage

7.1. Protective measures for safe handling:

Protective measures for safe handling: Ensure good ventilation of the workplace. Wear personal protective equipment.

Hygiene: Do not eat, drink or smoke during use. Always wash hands after handling the product.

7.2. Conditions for safe storage taking into account incompatibilities:

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

Storage instructions: Keep away from food, beverages and feed.

7.3. Specific End Applications: No further information available.

SECTION 8: Limitation and monitoring of exposure/personal protective equipment

8.1. Parameters to be monitored:

8.1.1 National occupational exposure limits and biological limits: No further information available.

8.1.2 Recommended Monitoring Procedures: No further information available.

8.1.3 Air contaminants released: No further information available.

8.1.4 DNEL and PNEC values: No further information available.

8.1.5 Control banding: No further information available.

8.2 Limitation and monitoring of exposure:

8.2.1 Suitable technical control equipment:

Appropriate technical control equipment: Ensure good ventilation of the workplace.

8.2.2 Personal Protective Equipment

8.2.2.1. Eye and face protection

Eye protection: Wear splash protection goggles when eye contact is possible by spraying. EN 166

8.2.2.2. Skin protection

Skin and body protection: Wear appropriate 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 that differ from manufacturer to manufacturer. Please refer to the instructions provided by the manufacturer regarding permeability and breakthrough time. Gloves must be replaced after each use and if signs of wear or perforation occur.

8.2.2.3. Respiratory protection

Respiratory protection: In the event of inadequate ventilation, wear suitable respiratory protective equipment. Respiratory protective device with filter, P2, EN 143. Details on application requirements and maximum application 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 during short-term activities if all practically feasible steps to reduce the risk at the source of danger have been observed, e.g. by restraint and/or local suction.

8.2.2.4. Thermal hazards

No further information available.

8.2.3 Limitation and monitoring of environmental exposure: No further information available.

SECTION 9: Physical and Chemical Properties

9.1. Information on the basic physical and chemical properties:

Physical state:	Liquid	Flash Point	:Not available
Color	:Colorless	Ignition temperature	:Not available
Appearance	:Sure	Ignition temperature	:Not available
Smell	:Slightly after chlorine	Decomposition Temperature	:Not available
Odour threshold	:Not available	Viscosity, kinematic	:Not available
Melting Point	:Not applicable	Solubility	:Not available
Freezing point	:Not available	Distribution coefficient n-	:Not available
Boiling point	:Not available	Octanol/Water (Log Kow)	
Flammability	:Not available		
Explosive	:product is not	Vapor pressure	:Not available
Features	:explosive	Vapor pressure at 50°C	:Not available
Oxidizing	:Non-oxidizing.	Density	:~ 1,019 g/cm³
Features		Relative density	:Not available
Explosion limits	:Not available	Relative Vapor Density	:Not available
Lower explosion limit	:Not available	at 20°C	
Upper explosion limit	:Not available	Particle properties	:Not applicable

SECTION 10: Stability and Reactivity

10.1. Reactivity: The product is not reactive under normal conditions of use, storage and transport.

10.2. Chemical stability: Stable under normal conditions.

10.3. Possibility of dangerous reactions: Under normal conditions of use, no dangerous reactions are known.

10.4. Conditions to avoid: No further information available.

10.5. Incompatible Materials: No further information available.

10.6. Dangerous decomposition products: Under normal storage and application conditions, no dangerous decomposition products should be formed.

SECTION 11: Toxicological information

11.1. Information on the hazard classes within the meaning of Regulation (EC) 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)

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

Corrosive/irritating effect on the skin	: Not classified (Based on available data, the classification criteria are not met) pH: 6.0 +/-0.5
Severe eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: 6.0 +/-0.5
Sensitization of the respiratory tract/skin	: 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 in one-time exposure	: Not classified (Based on the available data, does not meet the classification criteria)

Specific target organ toxicity in exposure	: Not classified (Based on the available data, repeated does not meet the classification criteria)
Risk of aspiration	: Not classified (Based on available data, the classification criteria are not met)

11.2. Information on Other Hazards: No further information available.

SECTION 12: Environmental Claims

12.1. Toxicity:

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

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

12.2. Persistence and degradability: The methods used to determine biodegradability do not apply to inorganic substances.

12.3. Bioaccumulation potential: No further information available.

12.4. Mobility in the ground: No further information available.

12.5. Results of PBT and vPvB assessment: Contains no PBT/vPvB substances ≥ 0.1%, assessed according to REACH Annex XIII.

12.6. Endocrine disrupting properties: No further information available.

12.7. Other Adverse Effects: No further information available.

SECTION 13: Disposal Instructions

13.1. Waste treatment procedures: No further information available.

SECTION 14: Transportation Information

According to 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. Proper UN shipping designation	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard classes	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packaging 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 the user:

Land transport: Not applicable.

Sea vessel transport: Not applicable.

Air transportation: Not applicable.

Inland waterway transport: Not applicable.

Rail transport: Not applicable.

14.7. Carriage of bulk cargo by sea in accordance with IMO instruments: Not applicable.

SECTION 15: Legislation

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

15.1.1 EU Regulations

Does not contain a substance subject to the restrictions of Annex XVII of the REACH Regulation.
Does not contain a REACH candidate substance.
Does not contain a REACH Annex XIV listed substance.
Does not contain substances subject to Regulation (EU) 649/2012 of the European Parliament and of the Council of 4 July 2012 on the export and import of hazardous chemicals.
Does not contain substances subject to Regulation (EU) 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.
Does not contain substances subject to Regulation (EU) 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.
Does not contain a substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 concerning the placing on the market and use of precursors for explosives.

Other Regulations, Restrictions and Prohibition Ordinances

: In addition, the labelling requirements of Regulation (EU) No. 528/2012 on the making available on the market and use of biocidal products must be observed. When advertising biocidal products, the following note must be added: "Use biocidal products carefully. Always read the label and product information before use". Regulation (EU) No. 528/2012 on the placing on the market and use of biocidal products.

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

This product contains biocidal products :

2 - Disinfectants and algaecides not intended for direct use in humans and animals.
3 - Veterinary hygiene.
4 - Food and feed sector.
5 - Drinking water.

Approval number	**: EU**

Does not contain substances included in the list of drug precursors (EC Regulation 273/2004 on drug precursors)

15.1.2. National provisions

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 Major Accidents Ordinance (12th BI National regulations: BAUA
National rules and recommendations	: TRGS 510: Storage of hazardous substances in transportable containers.
Bearing class (LGK, TRGS 510)	: LGK 12 - Non-flammable liquids.

15.2. Chemical safety assessment: A chemical safety assessment was not carried out.

SECTION 16: Other Disclosures

Data sources for the creation of the data sheet: European Chemicals Agency, http://echa.europa.eu.

National occupational exposure limit lists of the respective countries in the respectively valid FM.

Transport regulations according to ADR, RID, IMDG, IATA in the current version.

Data sheet of the exhibiting company/department : KFT Chemieservice GmbH
Im Leuschnerpark 3
D-64347 Griesheim

Other information	: This information is based on our current knowledge and is intended to describe the product only in terms of health, safety and environmental conditions. It should therefore not be construed as a guarantee of specific characteristics 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.