



MCD Produktionsgesellschaft UG

74850 Schefflenz

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking**
**1.1 Product identifier**

**Handdesinfektion plus**

**1.2 Relevant identified uses of the substance or mixture and uses advised against**
**1.2.1 Relevant uses**

Hand sanitizer  
Cleaning agent

**1.2.2 Uses advised against**

None known.

**1.3 Details of the supplier of the safety data sheet**

**Company** MCD Produktionsgesellschaft UG  
Parkweg 8  
74850 Schefflenz / GERMANY  
Phone +49 (0) 6293 9284340  
Fax +49 (0) 6293 9284349  
Homepage [www.perfectpur.de](http://www.perfectpur.de)  
E-mail [info@perfectpur.de](mailto:info@perfectpur.de)

**Address enquiries to**

**Technical information** [info@perfectpur.de](mailto:info@perfectpur.de)  
**Safety Data Sheet** [sdb@chemiebuero.de](mailto:sdb@chemiebuero.de)

**1.4 Emergency telephone number**

**Company** +49 (0) 6293 9284340  
0151 - 19774136

**SECTION 2: Hazards identification**
**2.1 Classification of the substance or mixture [REGULATION (EC) No 1272/2008]**

No classification.

**2.2 Label elements**

The product does not require a hazard warning label in accordance with GHS/CLP-directives.

**Hazard pictograms** none

**Signal word** none

**Hazard statements** none

**Precautionary statements** P501 Dispose of contents and container to appropriate waste site or reclaimer in accordance with local and national regulations.

**Special labelling** After eye contact: Not required under normal conditions. If eye irritation, rinse cautiously with water for several minutes.

**Cleaner, 648/2004/CE, contains:** disinfectants

**Biocide (528/2012/CE) contains:**  
≤1,2 g/1000ml Active chlorine released from hypochlorous acid  
≤0,35 g/1000ml Sodium hypochlorite  
≤0,001 g/1000ml Silver nitrate  
License number: ZEA-20002

**2.3 Other hazards**

**Other hazards** No particular hazards known.



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### SECTION 3: Composition / Information on ingredients

#### Product-type:

3.2 The product is a mixture.

#### Comment on component parts

No hazardous components to be mentioned.  
Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information

No special measures necessary.

##### Inhalation

Not required under normal conditions.

##### Skin contact

Not required under normal conditions.  
Consult a doctor if skin irritation persists.

##### Eye contact

Not required under normal conditions.  
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

##### Ingestion

In the event of symptoms seek medical treatment.  
Rinse out mouth and give plenty of water to drink.

#### 4.2 Most important symptoms and effects, both acute and delayed

No information available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.  
Forward this sheet to the doctor.

### SECTION 5: Fire-fighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Product itself is non-combustible. Fire extinguishing method of surrounding areas must be considered.

##### Extinguishing media that must not be used

none

#### 5.2 Special hazards arising from the substance or mixture

Chlorine compounds.

#### 5.3 Advice for firefighters

Do not inhale explosion and/or combustion gases.

Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

High risk of slipping due to leakage/spillage of product.

#### 6.2 Environmental precautions

Not required under normal conditions.

#### 6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g. general-purpose binder).  
Dispose of absorbed material in accordance within the regulations.

#### 6.4 Reference to other sections

See SECTION 8



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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

No special measures necessary if used correctly.  
Provide good room ventilation even at ground level (vapours are heavier than air).  
Do not mix with other products.

### 7.2 Conditions for safe storage, including any incompatibilities

No special measures necessary.  
Do not store with alkalis.  
No special measures necessary.

### 7.3 Specific end use(s)

See product use, SECTION 1.2

## SECTION 8: Exposure controls / personal protection

### 8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (GB)

not applicable

### 8.2 Exposure controls

<b>Additional advice on system design</b>	not determined
<b>Eye protection</b>	None required under normal conditions of use.
<b>Hand protection</b>	Not required under normal conditions.
<b>Skin protection</b>	Not required under normal conditions.
<b>Other</b>	Avoid contact with eyes.
<b>Respiratory protection</b>	Not required under normal conditions.
<b>Thermal hazards</b>	not applicable
<b>Delimitation and monitoring of the environmental exposition</b>	No information available.



## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Form	liquid
Color	colourless
Odor	after chlorine
Odour threshold	No information available.
pH-value	7,0
pH-value [1%]	No information available.
Boiling point [°C]	ca. 100
Flash point [°C]	not applicable
Flammability (solid, gas) [°C]	not applicable
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	No information available.
Density [g/ml]	ca. 1
Bulk density [kg/m <sup>3</sup> ]	not applicable
Solubility in water	miscible
Partition coefficient [n-octanol/water]	No information available.
Viscosity	not applicable
Relative vapour density determined in air	No information available.
Evaporation speed	No information available.
Melting point [°C]	ca. 0
Autoignition temperature [°C]	not applicable
Decomposition temperature [°C]	60

### 9.2 Other information

No information available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No dangerous reactions known if used as directed.

### 10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

### 10.3 Possibility of hazardous reactions

Reactions with strong alkalies and oxidizing agents.

### 10.4 Conditions to avoid

Strong heating, because the thermal decomposition starts from 60.

### 10.5 Incompatible materials

See SECTION 10.3.

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.



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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

<b>Serious eye damage/irritation</b>	Based on the available information, the classification criteria are not fulfilled.
<b>Skin corrosion/irritation</b>	Non-irritant. On basis of test data
<b>Respiratory or skin sensitisation</b>	Based on the available information, the classification criteria are not fulfilled.
<b>Specific target organ toxicity — single exposure</b>	Based on the available information, the classification criteria are not fulfilled.
<b>Specific target organ toxicity — repeated exposure</b>	Based on the available information, the classification criteria are not fulfilled.
<b>Mutagenicity</b>	Based on the available information, the classification criteria are not fulfilled.
<b>Reproduction toxicity</b>	Based on the available information, the classification criteria are not fulfilled.
<b>Carcinogenicity</b>	Based on the available information, the classification criteria are not fulfilled.
<b>Aspiration hazard</b>	Based on the available information, the classification criteria are not fulfilled.
<b>General remarks</b>	Toxicological data of complete product are not available. The product was dermatologically tested.

## SECTION 12: Ecological information

### 12.1 Toxicity

### 12.2 Persistence and degradability

<b>Behaviour in environment compartments</b>	No information available.
<b>Behaviour in sewage plant</b>	No information available.
<b>Biological degradability</b>	No surfactants are contained. The methods for determining the biological degradability are not applicable to inorganic substances.

### 12.3 Bioaccumulative potential

No information available.

### 12.4 Mobility in soil

No information available.

### 12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

### 12.6 Other adverse effects

Ecological data of complete product are not available.



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### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

##### Product

Coordinate disposal with the authorities if necessary.

**Waste no. (recommended)** 070699

##### Contaminated packaging

Uncontaminated packaging may be taken for recycling.

Packaging that cannot be cleaned should be disposed of as for product.

**Waste no. (recommended)** 150102

### SECTION 14: Transport information

#### 14.1 UN number

**Transport by land according to ADR/RID** not applicable

**Inland navigation (ADN)** not applicable

**Marine transport in accordance with IMDG** not applicable

**Air transport in accordance with IATA** not applicable

#### 14.2 UN proper shipping name

**Transport by land according to ADR/RID** NO DANGEROUS GOODS

**Inland navigation (ADN)** NO DANGEROUS GOODS

**Marine transport in accordance with IMDG** NOT CLASSIFIED AS "DANGEROUS GOODS"

**Air transport in accordance with IATA** NOT CLASSIFIED AS "DANGEROUS GOODS"

#### 14.3 Transport hazard class(es)

**Transport by land according to ADR/RID** not applicable

**Inland navigation (ADN)** not applicable

**Marine transport in accordance with IMDG** not applicable

**Air transport in accordance with IATA** not applicable



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**14.4 Packing group**

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

**14.5 Environmental hazards**

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

**14.6 Special precautions for user**

Relevant information under SECTION 6 to 8.

**14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code**

not applicable

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**EEC-REGULATIONS** 1991/689 (2001/118); 2010/75; 2004/42; 648/2004; 1907/2006 (REACH); 1272/2008; 75/324/EEC (2016/2037/EC); (EU) 2015/830; (EU) 2016/131; (EU) 517/2014

**TRANSPORT-REGULATIONS** ADR (2019); IMDG-Code (2019, 39. Amdt.); IATA-DGR (2020)

**NATIONAL REGULATIONS (GB):** EH40/2005 Workplace exposure limits (Second edition, published December 2011).

- Observe employment restrictions for people none

- VOC (2010/75/CE) not applicable

**15.2 Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.



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## SECTION 16: Other information

### 16.1 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route  
 RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses  
 ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure  
 ATE = acute toxicity estimate  
 CAS = Chemical Abstracts Service  
 CLP = Classification, Labelling and Packaging  
 DMEL = Derived Minimum Effect Level  
 DNEL = Derived No Effect Level  
 EC50 = Median effective concentration  
 ECB = European Chemicals Bureau  
 EEC = European Economic Community  
 EINECS = European Inventory of Existing Commercial Chemical Substances  
 ELINCS = European List of Notified Chemical Substances  
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
 IATA = International Air Transport Association  
 IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk  
 IC50 = Inhibition concentration, 50%  
 IMDG = International Maritime Code for Dangerous Goods  
 IUCLID = International Uniform Chemical Information Database  
 LC50 = Lethal concentration, 50%  
 LD50 = Median lethal dose  
 LC0 = lethal concentration, 0%  
 LOAEL = lowest-observed-adverse-effect level  
 MARPOL = International Convention for the Prevention of Marine Pollution from Ships  
 NOAEL = No Observed Adverse Effect Level  
 NOEC = No Observed Effect Concentration  
 PBT = Persistent, Bioaccumulative and Toxic substance  
 PNEC = Predicted No-Effect Concentration  
 REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals  
 STP = Sewage Treatment Plant  
 TLV@TWA = Threshold limit value – time-weighted average  
 TLV@STEL = Threshold limit value – short-time exposure limit  
 VOC = Volatile Organic Compounds  
 vPvB = very Persistent and very Bioaccumulative

### 16.2 Other information

**Classification procedure**

**Modified position**

none

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