



**1. Name of the substance / preparation and the company**

- 1.1. Name C&S hand disinfection, is a highly effective, skin-friendly and hygienic water-based disinfectant.  
1.2. Use of the substance / mixture It is a solution with bactericidal, limited virucidal and fungicidal effects for the external disinfection of hands.  
Does not contain: dyes, preservatives, fragrances, solvents or the like  
1.3. Manufacturer details: WH-concept k.s. ; Technická 7, 82104 Bratislava, Slovakia  
T: +42 1 911 631 981, email: office@careandsafe.eu  
1.4. Emergency number during working hours +43 664 41 606 92, (Mo-Fr 08: 00-17: 00)

**2. Possible dangers**

- 2.1 Description of danger: no dangerous preparation  
2.2 Special hazard warnings for humans and the environment: Preparation is not dangerous for humans and the environment according to EEC guidelines  
For environmental information see point 12 - Ecological information

**3. Composition / information**

- 3.1 It is a mixture of the following substances:
- |  |               |
|--|---------------|
| a. KWPA® Spirovitalized osmosis water <99,9% | CAS 7732-18-5 |
| b. Sodium hyperchloride ≤0,35g/1000ml        | CAS 7681-52-9 |
| c. Silver nitrate ≤0,001g/1000ml             | CAS 7761-88-8 |
| d. Stabilizers <0.1%                         |               |

**4. First aid measures**

- 4.1 Description of measures General information: Consult a doctor if health disorders occur  
After swallowing: drink plenty of water;  
in bad Well-being consult a doctor  
4.2 Information for the doctor No special information

**5. Fire-fighting measures**

- 5.1 Extinguishing media Suitable extinguishing media: Due to a water content of more than 99.9% there is no fire promotion or danger.  
All available extinguishing agents are suitable (water, foam, powder extinguishers)  
5.2 Extinguishing media unsuitable for safety reasons: none  
5.3 Dangers that can arise in the event of fire, carbon oxides, nitrogen oxides and other toxic combustion gases due to the packaging  
5.4 Advice for firefighters Wear full protective suit

**6. Accidental release measures**

- 6.1 Personal precautions PVC, PE or rubber gloves, safety glasses  
6.2 Readiness measures None required.  
6.3 Methods for cleaning up: Pick up or wipe up spilled product with liquid-binding material (sand, diatomaceous earth, acid binder, universal binder, sawdust). Dispose of the absorbed or wiped product properly.

**7. Handling and storage**

- 7.1 For handling see point 6  
Mix only with demineralized water as directed. Precautions like handling chemicals.  
Before breaks and after finishing work: wash hands. Keep away from children!  
Always read the label and package leaflet before use.  
7.2 Storage Requirements for storage rooms and containers: Store containers well closed.  
Do not add detergents, fragrances or other substances.  
7.3 Packaging Store in the original packaging.  
7.4 Container variants bottles: 250ml, 500ml, 1000ml,  
Canister: 5 liters, 10 liters, 20 liters  
IBC on pallet: 1000 liters

**8. exposure limitation;**

- 8.1 Parameters to be monitored Respiratory protection and personal protective equipment  
none



8.2 Limitation and monitoring of exposure Respiratory protection:

A respirator P2 or P3 is required when using spray machines.  
normally not required.

8.3 Hand protection:

gloves made of PVC, PE or rubber, protective glasses.

8.4 In case of prolonged contact:

### 9. Physical and chemical properties

9.1 General information / appearance

Form:	Liquid
Color:	transparent
Odor:	Neutral
pH value:	approx.6.9
Boiling point / boiling range:	100 ° C
Melting point / range:	Not applicable
Flash point / ignition temperature:	Not applicable
Flammability (solids, vapors):	Not applicable
Autoignition temperature:	Not applicable
Explosive properties:	Not explosive
Oxidizing properties:	No
Vapor pressure:	100 Pa at 20 ° C
Density:	1.00 g / cm <sup>3</sup> at 20 ° C
Solubility in water:	Complete solubility in water
Fat solubility:	Not soluble
Partition coefficient (n-octanol / water):	Not applicable

9.2 Safety-relevant data

### 10. Stability and reactivity

10.1 Conditions to avoid

Not to be expected with proper storage and handling (stable)

10.2 Materials to avoid

Do not mix with surfactants, otherwise they are not effective.

10.3 Hazardous decomposition products

None known

### 11. Information on toxicology at the product concentration used

Acute oral toxicity:	none
Acute skin toxicity:	none
Skin irritation (rabbits):	non-irritating product
Eye irritation (rabbits):	no irritant effect
Skin sensitization (albino):	no sensitization
90-day sub-chronic toxicity:	no effect
Cyto mutagenicity:	no effect
Geno toxicity (C.H.O. cells):	no chromosomal aberration
Mutagenicity:	no mutagenic or pro-mutagenic effects
Carcinogen:	none (upcoming study)
Mutagens:	none
Teratogens:	none

### 12. Ecological information

Easily biodegradable ("Closed bottle test").

### 13. Disposal considerations

13. Product and residual quantities:

Waste in accordance with local official regulations.

13.2 Packaging

Waste code (Europe): 180107  
no special waste

14. Transport information

No dangerous goods in the sense of the transport regulations ADR, RID, IMDG as well as GGVS / GGVE / GGVSsee and ICAO-TI / IATA-DGR

### 15. Legislation

15.1 Labeling

The product is not subject to classification and labeling according to EEC guidelines; therefore no chemical safety assessment was carried out;

### 16. Other information

Changes compared to the last version: general adaptation to regulation 1907/2006  
The information in this safety data sheet corresponds to the best of our knowledge to the best of our knowledge at the time of the revision.