

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended



Wet Wipe Chlorine Disinfection

Version
01.02

Revision Date:
24.09.2025

Date of last issue: 29.07.2024

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

1.1 Product identifier

Trade name : Wet Wipe Chlorine Disinfection **activated**

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

Use of the Substance/Mixture : Health services, Biocidal products
Disinfectants and algaecides not intended for direct application to humans or animals, Veterinary hygiene

Recommended restrictions on use : Restricted to professional users.

1.3 Details of the supplier of the safety data sheet

Manufacturer/ Supplier : Wet Wipe A/S
Vallensbaekvej 65

2625 Vallensbaek
Denmark
Telephone: +45 70 266 244
www.wetwipe.eu
info.wetwipe@schuelke.com

E-mail address of person responsible for the SDS/Contact person : ChemicalCompliance@schuelke.com

1.4 Emergency telephone number

Emergency telephone number : 82 12 12 12

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended

schülke +

Wet Wipe Chlorine Disinfection

Version
01.02

Revision Date:
24.09.2025

Date of last issue: 29.07.2024

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Aqueous containing solution on non-woven

Components

Remarks : No hazardous ingredients

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : Take off contaminated clothing and shoes immediately.

If inhaled : If symptoms persist, call a physician.

In case of skin contact : Wash with water and soap as a precaution.
If symptoms persist, call a physician.

In case of eye contact : Flush eyes with water as a precaution.
If eye irritation persists, consult a specialist.

If swallowed : Do NOT induce vomiting.
Drink water as a precaution.
Consult a physician if necessary.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : Treat symptomatically.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : For specialist advice physicians should contact the Poisons Information Service.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Dry powder
Carbon dioxide (CO₂)
Water spray jet
Foam

Unsuitable extinguishing media : Do NOT use water jet.

Wet Wipe Chlorine DisinfectionVersion
01.02Revision Date:
24.09.2025

Date of last issue: 29.07.2024

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products : Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x)
Gaseous hydrogen chloride (HCl).

5.3 Advice for firefighters

Special protective equipment : In the event of fire, wear self-contained breathing apparatus.
for firefighters

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions : Use personal protective equipment.

6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Use mechanical handling equipment.
Clean contaminated surface thoroughly.

6.4 Reference to other sections

see Section 8 + 13

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Advice on safe handling : Wear personal protective equipment.
Ensure adequate ventilation.
Advice on protection against fire and explosion : No special protective measures against fire required.

Hygiene measures : Keep away from food and drink.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in original container.
Further information on storage conditions : Keep container tightly closed. Recommended storage temperature: 0°C - 30°C

7.3 Specific end use(s)

Specific use(s) : Use biocides safely. Always read the label and product information before use.

Wet Wipe Chlorine DisinfectionVersion
01.02Revision Date:
24.09.2025

Date of last issue: 29.07.2024

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Occupational Exposure Limits**

Contains no substances with occupational exposure limit values.

8.2 Exposure controls**Personal protective equipment**

Eye/face protection : not required under normal use
If splashes are likely to occur, wear:
Safety glasses with side-shields conforming to EN166

Hand protection

Remarks : Splash protection: disposable nitrile rubber gloves e.g.
Dermatril (layer thickness: 0.11 mm) made by KCL or gloves
from other manufacturers offering the same protection.

Skin and body protection : Work uniform or laboratory coat.

Respiratory protection : No personal respiratory protective equipment normally required.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Physical state : Solid form, Aqueous containing solution on non-woven

Colour : colourless

Odour : slight chlorine

Odour Threshold : not determined

Melting point : not determined

Decomposition temperature : not determined

Boiling point/boiling range : not determined

Flammability : not determined

Upper explosion limit / Upper flammability limit : not determined

Lower explosion limit / Lower flammability limit : not determined

Flash point : not determined

pH : 6 - 8
of the active solution

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended

schülke +

Wet Wipe Chlorine Disinfection

Version
01.02

Revision Date:
24.09.2025

Date of last issue: 29.07.2024

| | |
|--|--|
| Viscosity | |
| Viscosity, kinematic | : not determined |
| Solubility(ies) | |
| Water solubility | : Not applicable |
| Partition coefficient: n-octanol/water | : log Pow: -0,006 of the active solution |
| Vapour pressure | : not determined |
| Density | : not determined |
| Relative vapour density | : not determined |
| Particle characteristics | |
| Particle size | : Not applicable |

9.2 Other information

| | |
|----------------------|--|
| Explosives | : Not explosive |
| Oxidizing properties | : The substance or mixture is not classified as oxidizing. |
| Self-ignition | : not determined |
| Metal corrosion rate | : Not applicable |
| Evaporation rate | : not determined |

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : Contact with acids liberates toxic gas.

10.4 Conditions to avoid

Conditions to avoid : Avoid temperatures above 60°C, direct sunlight and contact with sources of heat.

10.5 Incompatible materials

Materials to avoid : Incompatible with strong acids and oxidizing agents.

Wet Wipe Chlorine DisinfectionVersion
01.02Revision Date:
24.09.2025

Date of last issue: 29.07.2024

10.6 Hazardous decomposition products

Hazardous decomposition products will be formed at elevated temperatures.
Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x)
Chlorine compounds

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

Not classified based on available information.

Skin corrosion/irritation

Not classified based on available information.

Serious eye damage/eye irritation

Not classified based on available information.

Respiratory or skin sensitisation**Skin sensitisation**

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

11.2 Information on other hazards**Endocrine disrupting properties****Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Wet Wipe Chlorine DisinfectionVersion
01.02Revision Date:
24.09.2025

Date of last issue: 29.07.2024

SECTION 12: Ecological information**12.1 Toxicity**

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment**Product:**

Assessment

: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties**Product:**

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

No data available

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

Product

: Disposal together with normal waste is not allowed. Special disposal required according to local regulations.

Contaminated packaging

: Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: Transport information**14.1 UN number or ID number****ADR**

: Not regulated as a dangerous good

IMDG

: Not regulated as a dangerous good

IATA

: Not regulated as a dangerous good

Wet Wipe Chlorine DisinfectionVersion
01.02Revision Date:
24.09.2025

Date of last issue: 29.07.2024

14.2 UN proper shipping name

| | | |
|-------------|---|-----------------------------------|
| ADR | : | Not regulated as a dangerous good |
| IMDG | : | Not regulated as a dangerous good |
| IATA | : | Not regulated as a dangerous good |

14.3 Transport hazard class(es)

| | | |
|-------------|---|-----------------------------------|
| ADR | : | Not regulated as a dangerous good |
| IMDG | : | Not regulated as a dangerous good |
| IATA | : | Not regulated as a dangerous good |

14.4 Packing group

| | | |
|-------------------------|---|-----------------------------------|
| ADR | : | Not regulated as a dangerous good |
| IMDG | : | Not regulated as a dangerous good |
| IATA (Cargo) | : | Not regulated as a dangerous good |
| IATA (Passenger) | : | Not regulated as a dangerous good |

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Not applicable

For personal protection see section 8.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

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

| | | |
|---|---|----------------|
| REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) | : | Not applicable |
| REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). | : | Not applicable |
| Regulation (EC) on substances that deplete the ozone layer | : | Not applicable |
| Regulation (EU) 2019/1021 on persistent organic pollutants (recast) | : | Not applicable |
| Regulation (EU) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals | : | Not applicable |
| REACH - List of substances subject to authorisation (Annex XIV) | : | Not applicable |
| Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. | | Not applicable |

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended



Wet Wipe Chlorine Disinfection

Version
01.02

Revision Date:
24.09.2025

Date of last issue: 29.07.2024

MAL-Code-Number : 0-1 (1993)

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)
Not applicable

Other regulations:

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

Product-specific registration- no. : 2335462

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture.

SECTION 16: Other information

Full text of other abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECL - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended

schülke +

Wet Wipe Chlorine Disinfection

Version
01.02

Revision Date:
24.09.2025

Date of last issue: 29.07.2024

Further information

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended



Wet Wipe Chlorine Disinfection

Version
01.03

Revision Date:
24.09.2025

Date of last issue: 29.07.2024

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

1.1 Product identifier

Trade name : Wet Wipe Chlorine Disinfection **non activ**
Unique Formula Identifier : KC92-S0DG-8003-H82Q
(UFI)

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

Use of the Substance/Mixture : Health services, Biocidal products
Disinfectants and algaecides not intended for direct application to humans or animals, Veterinary hygiene

Recommended restrictions on use : Restricted to professional users.

1.3 Details of the supplier of the safety data sheet

Manufacturer/ Supplier : Wet Wipe A/S
Vallensbaekvej 65
2625 Vallensbaek
Denmark
Telephone: +45 70 266 244
www.wetwipe.eu
info.wetwipe@schuelke.com

E-mail address of person responsible for the SDS/Contact person : ChemicalCompliance@schuelke.com

1.4 Emergency telephone number

Emergency telephone number : 82 12 12 12

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

| | |
|--|---|
| Acute toxicity, Category 4 | H302: Harmful if swallowed. |
| Eye irritation, Category 2 | H319: Causes serious eye irritation. |
| Specific target organ toxicity - single exposure, Category 3, Respiratory system | H335: May cause respiratory irritation. |
| Short-term (acute) aquatic hazard, Category 1 | H400: Very toxic to aquatic life. |
| Long-term (chronic) aquatic hazard, Category 1 | H410: Very toxic to aquatic life with long lasting effects. |

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended

schülke +

Wet Wipe Chlorine Disinfection

Version
01.03

Revision Date:
24.09.2025

Date of last issue: 29.07.2024

Hazard pictograms



Signal word

: Warning

Hazard statements

: H302 Harmful if swallowed.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.
 H410 Very toxic to aquatic life with long lasting effects.

Supplemental Hazard
Statements

: EUH031 Contact with acids liberates toxic gas.

Precautionary statements

: **Prevention:**

P261 Avoid breathing dust.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 Call a POISON CENTER or doctor/ physician if you feel unwell.
P337 + P313 If eye irritation persists: Get medical advice/ attention.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.1 Substances

Hazardous components

| Chemical name | CAS-No. EC-No. | Concentration (% w/w) | M-Factor, SCL, ATE |
|------------------------------|-------------------------|--------------------------|---|
| trocloxene sodium, dihydrate | 51580-86-0 220-767-7 | >= 90 - <= 100 | M-Factor (Acute aquatic toxicity): 1 M-Factor (Chronic |

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended

schülke +

Wet Wipe Chlorine Disinfection

Version
01.03

Revision Date:
24.09.2025

Date of last issue: 29.07.2024

| | | | |
|--|--|--|--|
| | | | aquatic toxicity): 1 |
| | | | specific concentration limit STOT SE 3; H335 ≥ 10 % |
| | | | EUH031 ≥ 10 % |
| | | | Acute toxicity estimate Acute oral toxicity: 1.671 mg/kg |

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Show this safety data sheet to the doctor in attendance.

If inhaled : IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a physician or poison control centre immediately.

In case of skin contact : Wash off with plenty of water. If skin irritation persists, call a physician.

In case of eye contact : In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.

If swallowed : Rinse mouth. Do NOT induce vomiting. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : Treat symptomatically.

Risks : Harmful if swallowed. Causes serious eye irritation. May cause respiratory irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : For specialist advice physicians should contact the Poisons Information Service.

Wet Wipe Chlorine DisinfectionVersion
01.03Revision Date:
24.09.2025

Date of last issue: 29.07.2024

SECTION 5: Firefighting measures**5.1 Extinguishing media**

Suitable extinguishing media : Dry powder
Carbon dioxide (CO2)
Water spray jet
Foam

Unsuitable extinguishing media : Do NOT use water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products : Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx)
Gaseous hydrogen chloride (HCl).

5.3 Advice for firefighters

Special protective equipment : In the event of fire, wear self-contained breathing apparatus.
for firefighters

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions : Avoid breathing dust.
Ensure adequate ventilation.
Use personal protective equipment.

6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Use mechanical handling equipment.
Clean contaminated surface thoroughly.

6.4 Reference to other sections

see Section 8 + 13

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Advice on safe handling : Avoid dust formation.
Ensure adequate ventilation.
Avoid contact with skin and eyes.
Hygiene measures : Keep away from food and drink.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage : Keep only in the original container.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended



Wet Wipe Chlorine Disinfection

Version
01.03

Revision Date:
24.09.2025

Date of last issue: 29.07.2024

areas and containers

Further information on storage conditions : Recommended storage temperature: 5 - 25°C

7.3 Specific end use(s)

Specific use(s) : Use biocides safely. Always read the label and product information before use.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Contains no substances with occupational exposure limit values.

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006

| Substance name | End Use | Exposure routes | Potential health effects | Value |
|------------------------------|---------|-----------------|----------------------------|------------------------|
| trocloseen sodium, dihydrate | Workers | Inhalation | Long-term systemic effects | 8,11 mg/m ³ |
| | Workers | Skin contact | Long-term systemic effects | 2,3 mg/kg bw/day |
| sodium chloride | Workers | Dermal | Long-term systemic effects | 295,5 mg/kg |
| | Workers | Inhalation | Long-term systemic effects | 2069 mg/m ³ |

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006

| Substance name | Environmental Compartment | Value |
|------------------------------|---------------------------|-------------------------------|
| trocloseen sodium, dihydrate | Fresh water | 0,002 mg/l |
| | Marine water | 1,52 mg/l |
| | Fresh water sediment | 7,56 mg/kg dry weight (d.w.) |
| | Sewage treatment plant | 0,59 mg/l |
| | Soil | 0,756 mg/kg dry weight (d.w.) |
| sodium chloride | Fresh water | 5 mg/l |
| | Sewage treatment plant | 500 mg/l |
| | Soil | 4,86 mg/kg |

8.2 Exposure controls

Personal protective equipment

Eye/face protection : Safety glasses with side-shields
Hand protection
Directive : The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.
Remarks : Splash protection: disposable nitrile rubber gloves e.g. Dermatril (layer thickness: 0.11 mm) made by KCL or gloves from other manufacturers offering the same protection.

Wet Wipe Chlorine DisinfectionVersion
01.03Revision Date:
24.09.2025

Date of last issue: 29.07.2024

Skin and body protection : Work uniform or laboratory coat.
Respiratory protection : If the occupational exposure limits cannot be met, in exceptional cases suitable respiratory equipment should be worn only for a short period of time.
Equipment should conform to EN 140
Combined particulates and inorganic gas/vapour type

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Physical state : Solid form, granular
Colour : white
Odour : slight chlorine
Melting point/range : Not applicable
Decomposition temperature : 240 - 250 °C
Boiling point/boiling range : Not applicable
Flammability : No data available
Upper explosion limit / Upper flammability limit : No data available
Lower explosion limit / Lower flammability limit : No data available
Flash point : Not applicable
pH : No data available
Viscosity
Viscosity, dynamic : Not applicable
Viscosity, kinematic : Not applicable
Solubility(ies)
Water solubility : 24 - 25 g/l
Partition coefficient: n-octanol/water : log Pow: 0,006
Vapour pressure : Not applicable
Density : 1,083 g/cm3
Relative vapour density : Not applicable
Particle characteristics

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended



Wet Wipe Chlorine Disinfection

Version
01.03

Revision Date:
24.09.2025

Date of last issue: 29.07.2024

Particle size : not determined

9.2 Other information

Explosives : No data available
Oxidizing properties : The substance or mixture is not classified as oxidizing.
Self-ignition : not auto-flammable
Metal corrosion rate : Not applicable
Evaporation rate : Not applicable

SECTION 10: Stability and reactivity

10.1 Reactivity

Contact with acids liberates toxic gas.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed.
Heating can release hazardous gases.

10.4 Conditions to avoid

Conditions to avoid : Avoid temperatures above 60°C, direct sunlight and contact with sources of heat.

10.5 Incompatible materials

Materials to avoid : Incompatible with acids and bases.
Incompatible with oxidizing agents.

10.6 Hazardous decomposition products

Chlorine compounds
Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x)

SECTION 11: Toxicological information

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

Acute toxicity

Harmful if swallowed.

Product:

Acute oral toxicity : Acute toxicity estimate: 1.688 mg/kg
Method: Calculation method

Components:

troclostene sodium, dihydrate:

Wet Wipe Chlorine DisinfectionVersion
01.03Revision Date:
24.09.2025

Date of last issue: 29.07.2024

Acute oral toxicity : LD50 (Rat): 1.671 mg/kg

Acute inhalation toxicity : Remarks: Not classified based on available information.

Acute dermal toxicity : LD50 (Rabbit): > 5.000 mg/kg

Skin corrosion/irritation

Not classified based on available information.

Components:**troclosene sodium, dihydrate:**

Remarks : No data available

Serious eye damage/eye irritation

Causes serious eye irritation.

Components:**troclosene sodium, dihydrate:**

Result : Eye irritation

Respiratory or skin sensitisation**Skin sensitisation**

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Components:**troclosene sodium, dihydrate:**Species : Guinea pig
Method : OECD Test Guideline 406
Result : Not a skin sensitizer.**Germ cell mutagenicity**

Not classified based on available information.

Components:**troclosene sodium, dihydrate:**Germ cell mutagenicity- As- : No data available
essment**Carcinogenicity**

Not classified based on available information.

Components:**troclosene sodium, dihydrate:**Carcinogenicity - Assess- : No data available
ment

Wet Wipe Chlorine DisinfectionVersion
01.03Revision Date:
24.09.2025

Date of last issue: 29.07.2024

Reproductive toxicity

Not classified based on available information.

Components:**troclosene sodium, dihydrate:**Reproductive toxicity - As- : No data available
essment**STOT - single exposure**

May cause respiratory irritation.

Components:**troclosene sodium, dihydrate:**

Assessment : May cause respiratory irritation.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

11.2 Information on other hazards**Endocrine disrupting properties****Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: Ecological information**12.1 Toxicity****Components:****troclosene sodium, dihydrate:**Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): 0,23 mg/l
Exposure time: 96 hToxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0,17 mg/l
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50 (algae): 0,5 mg/l

M-Factor (Acute aquatic toxicity) : 1

M-Factor (Chronic aquatic toxicity) : 1

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended

schülke +

Wet Wipe Chlorine Disinfection

Version
01.03

Revision Date:
24.09.2025

Date of last issue: 29.07.2024

Ecotoxicology Assessment

Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability

Product:

Biodegradability : Result: Not readily biodegradable.
Remarks: Hydrolyses readily.

Components:

troclosene sodium, dihydrate:

Biodegradability : Result: Not readily biodegradable.

12.3 Bioaccumulative potential

Components:

troclosene sodium, dihydrate:

Bioaccumulation : Remarks: No data available

12.4 Mobility in soil

Components:

troclosene sodium, dihydrate:

Mobility : Remarks: No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended



Wet Wipe Chlorine Disinfection

Version
01.03

Revision Date:
24.09.2025

Date of last issue: 29.07.2024

| | | |
|------------------------|---|---|
| Product | : | Disposal together with normal waste is not allowed. Special disposal required according to local regulations. |
| Contaminated packaging | : | Dispose of as hazardous waste in compliance with local and national regulations. |

SECTION 14: Transport information

14.1 UN number or ID number

| | | |
|-------------|---|---------|
| ADR | : | UN 3077 |
| IMDG | : | UN 3077 |
| IATA | : | UN 3077 |

14.2 UN proper shipping name

| | | |
|-------------|---|--|
| ADR | : | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (troclosene sodium, dihydrate) |
| IMDG | : | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (troclosene sodium, dihydrate) |
| IATA | : | Environmentally hazardous substance, solid, n.o.s. (troclosene sodium, dihydrate) |

14.3 Transport hazard class(es)

| | Class | Subsidiary risks |
|-------------|-------|------------------|
| ADR | : | 9 |
| IMDG | : | 9 |
| IATA | : | 9 |

14.4 Packing group

| | | |
|------------------------------|---|-----|
| ADR | | |
| Packing group | : | III |
| Classification Code | : | M7 |
| Hazard Identification Number | : | 90 |
| Labels | : | 9 |
| Tunnel restriction code | : | (-) |

| | | |
|---------------|---|----------|
| IMDG | | |
| Packing group | : | III |
| Labels | : | 9 |
| EmS Code | : | F-A, S-F |

| | | |
|--------------------------------------|---|---------------|
| IATA (Cargo) | | |
| Packing instruction (cargo aircraft) | : | 956 |
| Packing instruction (LQ) | : | Y956 |
| Packing group | : | III |
| Labels | : | Miscellaneous |

IATA (Passenger)

Wet Wipe Chlorine DisinfectionVersion
01.03Revision Date:
24.09.2025

Date of last issue: 29.07.2024

Packing instruction (passenger aircraft) : 956
Packing instruction (LQ) : Y956
Packing group : III
Labels : Miscellaneous

14.5 Environmental hazards**ADR**

Environmentally hazardous : yes

IMDG

Marine pollutant : yes

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

For personal protection see section 8.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Conditions of restriction for the following entries should be considered: Number on list 75:
REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Not applicable
Regulation (EC) on substances that deplete the ozone layer : Not applicable
Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable
Regulation (EU) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable
REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. E1 ENVIRONMENTAL HAZARDS

MAL-Code-Number : 0-3 (1993)

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)
Not applicable

Regulation (EC) No. : >= 30%: Chlorine-based bleaching agents

Wet Wipe Chlorine DisinfectionVersion
01.03Revision Date:
24.09.2025

Date of last issue: 29.07.2024

648/2004, as amended

Other regulations:according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU)
2020/878Product-specific registration- : 2335462
no.**15.2 Chemical safety assessment**

A Chemical Safety Assessment is not required for this substance.

SECTION 16: Other information

EUH031 : Contact with acids liberates toxic gas.

Full text of other abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended

schülke +***Wet Wipe Chlorine Disinfection***Version
01.03Revision Date:
24.09.2025

Date of last issue: 29.07.2024

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