

SAFETY DATA SHEET

According to Regulation (EC) No 1272/2008

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

1.1. Product identifier

Trade name: Wet Wipe Chlorine Disinfection.
Item no(s) : 25058. 25074.
PR-number. 2335462

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

Disinfection of surfaces.
Relevant identified uses of the product:
SU20 Health services.
Chemical Product Category
PC8 Biocidal Products (e.g. Disinfectants, pest control)
Product types: PT2 Disinfectants and algacides not intended for direct application to humans or animals.
PT3 Veterinary hygiene.
Users advised against: To open product before dissolvment of granulate. Avoid application on skin. Other uses than those identified on the product label are not recommended.
For professional users, only.

All data in this safety data sheet refers to the content of bag, before bursting of cracking bag and use of product.

1.3. Details of the supplier of the safety data sheet

Company name and address:
Wet Wipe AS
Vallensbækvej 65
DK-2625 Vallensbæk, Denmark
Tel: +45 70 266 244
www.wetwipe.eu
info@wetwipe.eu

Compilation date: 04/09/17

1.4. Emergency telephone number

Use your national or local emergency number.
(DK) +45 82 12 12 12

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of the mixture according to regulation (EC) No. 1272/2008 (CLP/GHS):

Acute Tox. 4	H302
Eye Irrit. 2	H319
STOT RE 3	H335
Aquatic Acute 1	H400
Aquatic Chronic 1	H410
EUH031	Contact with acids liberate toxic gas.

Label elements:

Hazard pictograms (GHS):

Signal word: Warning.



Hazard statement(s):

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 information (EU)

EUH031 Contact with acids liberate toxic gas.

Wet Wipe A/S

- Part of GLAD Koncernen A/S

Vallensbækvej 65 DK-2625 Vallensbæk
Tel: +45 70 266 244 Fax: +45 70 266 233
info@wetwipe.eu www.wetwipe.eu

VAT 30207726

Precautionary statements:

- P273 Avoid release to the environment.
- P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth.
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P391 Collect spillage.
- P501 Dispose of contents/ container to an approved waste disposal plant.

Additional information.

- Use biocides safely. Always read the label and product information before use.
- Use gloves when handling the product.

2.2. 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.

SECTION 3: Composition/information on ingredients

3.1. Substance

Substance	%(w/w)	CAS / EC-no.	Classification
Troclosene sodium dihydrat	90-100	51580-86-0 / 610-700-3	Acute Tox. 4; H302 Eye Irrit. 2; H319 STOT SE 3; H335 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH031

*According to Regulation (EC) No 1272/2008. See full text of H-phrases in Section 16.
Each bag contains less than 1,5 grams of substance dispersed throughout wipes.*

3.2. Mixture

The product is not a mixture before bursting of cracking bag.

SECTION 4: First aid measures

4.1. Description of first aid measures

- General: In case of discomfort/accident, contact doctor or causality department. Bring label or safety datasheet.
- Eye contact: Rinse thoroughly with plenty of water, minimum 15 minutes. Remove contact lenses, if present and easy to do.
- Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if any signs of respiratory distress occur.
- Ingestion: Rinse mouth. Do not induce vomiting. Seek medical help if discomfort or irritation occurs.
- Skin contact: Rinse with water.

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

Causes eye and respiratory irritation. Prolonged or frequent skin contact may cause eczema and inflammation of the skin, as a result of degreasing.

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

Medical conditions which may be aggravated by exposure; respiratory diseases incl. asthma and cardiovascular diseases. Show this safety data sheet to a physician or emergency ward.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

- Suitable: Alcohol-resistant foam, carbonic acid (CO₂), powder, water mist.
- Unsuitable: Full water jet can spread the fire.

5.2. Special hazards arising from the substance or mixture

- Hazardous combustion products:
Carbon oxides, Nitrogen oxides (NO_x), Hydrogen chloride gas, Sodium oxides.

5.3. Advice for fire-fighters

Wet Wipe A/S

- Part of GLAD Koncernen A/S

Vallensbaekvej 65 DK-2625 Vallensbaek
Tel: +45 70 266 244 Fax: +45 70 266 233
info@wetwipe.eu www.wetwipe.eu

VAT 30207726

Avoid inhalation of vapours and fumes. Use self-contained breathing apparatus and chemical protection suit, if personal (close) contact is likely.

SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures**
Use personal protective equipment - see section 8. Ventilate area.
- 6.2. Environmental precautions**
Prevent further leakage or spillage. Do not let product enter drains. Discharge into the environment must be avoided.
- 6.3. Methods and material for containment and cleaning up**
Gather and place in suitable container. Dispose of according to local regulations. Flush area of spill with plenty of water.
- 6.4. Reference to other sections**
See section 8 for protective equipment and section 13 for waste disposal.

SECTION 7: Handling and storage

- 7.1. Precautions for safe handling**
Biocidal products should be handled with caution. Follow direction in section 8 for appropriate handling. Avoid contact with skin and eyes.
- 7.2. Conditions for safe storage, including any incompatibilities**
Recommended storage temperatures 5 -25°C
- 7.3. Specific end use(s)**
See section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational limits:

Substance	CAS.	
Troclosene sodium dihydrat	51580-86-0	None

DNEL:

Substance	Exposure	Value	Population	Effects
Troclosene sodium dihydrat	Long term Dermal	2,3 mg/kg bw/day	Workers	Systemic
	Long term inhalation	8,11 mg/m ³	Workers	Systemic

Source: Registration Dossier - ECHA

PNEC:

Substance	Media	Value	Method
Troclosene sodium dihydrat	Freshwater	0.002 mg/l	Assessment factor
	Marine water	1.52 mg/l	Assessment factor
	Sediment, Fresh water	7,56 mg/kg dwt	Assessment factor
	STP	0,59 mg/l	Assessment factor
	Soil	0756 mg/kg dwt	Assessment factor

Source: Registration Dossier - ECHA

8.2. Exposure controls

Applies to product before bursting of cracking bag and activation of product. Use following precautions, when potential for contact with dry material exists.

- Eye / Face protection:** Use safety glasses to avoid eye contact. Where industrial use occurs, chemical goggles may be required.
- Hand / skin protection:** Wear appropriate chemical resistant gloves (Nitrile. Butyl rubber. Neoprene) Wear protective clothing to minimize skin contact.
- Respiratory protection:** An approved respirator with EN140 (chlorine) cartridges may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.
- Environmental exposure controls:** Should not be released into the environment.
The product should not be opened before dissolution of granulate Use common occupational hygiene.



Each bag contains less than 1,5 grams of Troclosene sodium dihydrat dispersed throughout wipes.

SECTION 9: Physical and chemical properties

9.1. Information on basic and chemical properties

Appearance	White granules
Odour	Mild chlorine-like
pH	Not available
Melting point/range	Not applicable
Boiling point/range	Not applicable
Evaporation rate (ether=1)	Not applicable under standard conditions
Vapour pressure	Not applicable under standard conditions
Vapor density	Not applicable under standard conditions
Flash point	Not applicable
Density	Tap density = 0.974 g/mL pour density = 1.083 g/mL kg/L
Solubility:	
- Solubility in water	24-25 g/100g
Partition coefficient (n-octanol/water)	Log Pow - -0.0056 (estimated)
Auto-ignition temperature	Not self-ignitable
Decomposition temperature	Begins to lose 1 mole water at approximately 50°C; second mole water at 95°C; Decomposes at 240-250°C
Viscosity	Not applicable
Explosive properties	Not available
Oxidising properties	Not oxidizing

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Begins to lose one mole of water at approximately 50°C.

10.2. Chemical stability

Stable at recommended storage temperatures.

10.3. Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. If this material becomes damp the formation of nitrogen trichloride gas may occur.

10.4. Conditions to avoid

Do not get water inside packaging. Heating above 240 °C.

10.5. Incompatible materials

Organic materials, reducing agents, nitrogen containing materials, other oxidizers, acids, bases, oils, grease, sawdust, dry fire extinguishers containing monoammonium compounds.

10.6. Hazardous decomposition products

Chlorine, Nitrogen trichloride, Cyanogen chloride, Oxides of carbon, Phosgene.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Troclosene sodium dihydrat

Type		Species	Result	Method
Acute toxicity	Oral	Rat	1671 mg/kg	EPA OPP 81-1
	Inhalation	Rat	> 0.27 - < 1.17 mg/L air	OECD 403
	Dermal	Rat	> 5000 mg/kg bw	EPA OPP 81-2
Skin corrosion/irritation		Rabbit	Corrosive	EPA OPP 81-5
Eye damage/ irritation		Rabbit	Corrosive	EPA OPP 81-4
Respiratory or Skin sensitisation		Guinea pig	Not a sensitizer	OECD Guideline 406

Wet Wipe A/S

- Part of GLAD Koncernen A/S

Vallensbaekvej 65 DK-2625 Vallensbaek

Tel: +45 70 266 244 Fax: +45 70 266 233

info@wetwipe.eu www.wetwipe.eu

VAT 30207726

Reproductive toxicity	Rat	no effects observed	EU Method B.35
-----------------------	-----	---------------------	----------------

Source: Registration Dossier - ECHA

Specific Target Organ Toxicity (STOT) - Repeat exposure:

Chronic inhalation exposure may cause impairment of lung function and permanent lung damage.
In the 28-day extended to 59-day study drinking water study (rat): NOAEL= 115mg/kg bw/day

Medical conditions aggravated by exposure:

Asthma, respiratory and cardiovascular disease.

SECTION 12: Ecological information

12.1. Toxicity

Troclosene sodium dihydrat

Aquatic toxicity:

96 Hour-LC50, Fish	0.22 mg/l (rainbow trout) 0.28 mg/l (bluegill sunfish)
48 Hour-LC50, Daphnia magna	0.2 mg/l

Avian toxicity:

Oral LD50, Bobwhite quail	730 mg/kg	
Oral LD50, Mallard duck	3300 mg/kg	
Dietary LC50, Mallard duck	>10,000 ppm	
Dietary LC50, Bobwhite quail		>10,000 ppm

12.2. Persistence and degradability

Not readily biodegradable. Rapidly hydrolyses in water into Cyanuric acid.

12.3. Bioaccumulative potential:

Not expected to bioaccumulate

12.4. Mobility in soil

The degradation product, Cyanuric acid, is weakly adsorbed to and highly mobile in all soils.

12.5. Results of PBT and vPvB assessment

The product contains no identified PBT/vPvB substances.

12.6. Other adverse effects

None known

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in accordance with local and national regulation. The penetration of the product into drains, water courses or the soil should be avoided.

SECTION 14: Transport information

Special provisions 335, 375 og IATA Special Provision A197:

Special Provision 375 of 2015 UN Model Regulations for the transportation of dangerous goods (IATA Special Provision A197) exempts this product from the labelling and documentation provisions of Dangerous Goods Regulations

	ADR/RID	ADN	IMDG	IATA
14.1. UN-number	3077	3077	3077	3077
14.2. Prober shipping name	Environmentally hazardous substance, solid, n.o.s (Dichloroisocyanuric acid, salts)	Environmentally hazardous substance, solid, n.o.s (Dichloroisocyanuric acid, salts)	Environmentally hazardous substance, solid, n.o.s (Dichloroisocyanuric acid, salts)	Environmentally hazardous substance, solid, n.o.s (Dichloroisocyanuric acid, salts)
14.3. Transport hazard class	9	9	9	9
14.4. Packaging group	III	III	III	III

Other relevant information:

ADR/IMDG/IATA:

Can be shipped as a limited quantity when packed in inner or single packs ≤ 5 kg.

ADR/IATA:

When packed in inner or single packs ≤ 5 kg, Special Provision 375 of 2015 UN Model Regulations for the transportation of dangerous goods (IATA Special Provision A197) exempts this product from the labelling and documentation provisions of Dangerous Goods Regulations.

I IMDG: IMDG 2014 (2.10.2.7)

Marine pollutants packaged in single or combination packaging, containing a net quantity per single or inner packaging having a net mass per single or inner packaging of 5 kg or less for solids are not subject to any other provisions of this Code relevant to marine pollutants provided the packaging meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.

14.5. Environmental hazards

IMDG Marine pollutant: yes
Environmentally hazardous substance

14.6. Special precautions for user

None.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Bulk: VC1 VC2

SECTION 15: Regulatory information

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

Biocide products should be used with caution. Read the label and instructions, before the product is put into service.

The active substance is listed in the following chemical inventories:

Australian Chemical Inventory (AICS) -Listed
Canadian Chemical Inventory (DSL) - Listed
China Chemical Inventory (IECS) - Listed
European Union Inventory (EINECS) - No: 220 - 767 -7
Japan Chemical Inventory (ENCS) - No. 5- 1043
Korean Chemical Inventory (KECL) - No. KE10215
New Zealand Chemical Inventory (NZIOC) - Listed
Philippines Priority Chemical List (PICCS) - Listed
US Inventory Status (TSCA) - Listed

15.2. Chemical Safety Assessment

A Chemical Safety Assessment has been carried out on Sodiumdichloroisocyanurate, dihydrate under the REACH Regulation.

SECTION 16: Other information

This SDS was revised according to regulation (EC) No. 1272/2008.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

List of relevant H-phrases (sections 2 and 3).

H302 Harmful if swallowed
H319 Causes serious eye irritation
H335 May cause respiratory irritation
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects
EUH031 Contact with acids liberate toxic gas.

Abbreviations used:

STOT Specific Target Organ Toxicity.
OECD Organisation for Economic Co-operation and Development.
ECHA European Chemicals Agency.
REACH Registration, Evaluation, Authorisation and Restriction of Chemical Substances.
DNEL Derived No-Effect Level.
PNEC Predicted No-Effect Concentration.
LC50 Lethal Concentration 50 %
EC50 Effect Concentration 50 %
TGK toxicity threshold concentration.

Wet Wipe A/S

- Part of GLAD Koncernen A/S

Vallensbaekvej 65 DK-2625 Vallensbaek
Tel: +45 70 266 244 Fax: +45 70 266 233
info@wetwipe.eu www.wetwipe.eu

VAT 30207726

PBT	Persistent, Bioaccumulative, Toxic
vPvB	very Persistent, very Bioaccumulative
EmS	Emergency Response Procedures for Ships Carrying Dangerous Goods.
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road.
IMDG	International Maritime Code for Dangerous Goods.
IATA	International Air Transport Association.
GHS	Globally Harmonised System of Classification and Labelling of Chemicals

Key literature references:

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (CLP). EC regulation 1907/2006 (REACH). ECHA registration dossiers. Suppliers safety data sheet.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, through 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 product designated and may not be valid for the product used in combination with any other products, materials or in any process, unless specified in the text. It is always the responsibility of the user to take all necessary steps to fulfil the demand laid down in the local rules and legislation. Final determination of suitability of any material is the sole responsibility of the user. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The company cannot be held liable for any damage resulting from wrongful handling or other, not specified here, contact with the above product.

End of Safety Data Sheet.