

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.: 25074. 25058.
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 dissolvement 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, after bursting of cracking bag and dissolvement of granulate.

1.3. Details of the supplier of the safety data sheet

Company name and address:
Wet Wipe
Vallensbaekvej 65
DK-2625 Vallensbaek
Phone.: +45 70 266 244
www.wetwipe.eu
info@wetwipe.eu

Compilation date: 10.04.2017

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):

Not classified.

Label elements:

Hazard pictograms (GHS):

None

Signal word: None

Hazard statement(s): None

Supplemental Hazard information (EU) according to local regulations.

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

Mixture.

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

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3.2. Mixture

Substance	%(w/w)	CAS / EC-no.	Classification
Hypochlorous acid	< 0,25	7790-92-3 / 232-232-5	Not classified
Cyanuric Acid	< 0,3	108-80-5 / 203-618-0	Not classified

Source: C&L Inventory, ECHA. According to Regulation (EC) No 1272/2008.
See full text of H-phrases in Section 16.

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

Prolonged or frequent skin contact may cause irritation of the skin, as a result of degreasing.

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

May cause eye and respiratory irritation. 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

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.

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 0 - 30°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.	
Hypochlorous acid	7790-92-3	None
Cyanuric Acid	108-80-5	None

Source: Danish Working Environment Authority Limit list. (AT's graensevaerdiliste)

DNEL:

Substance	Exposure	Value	Population	Effects
Hypochlorous acid	No CSR			
Cyanuric Acid	Long term Dermal	3,08 mg/kg bw/day	Workers	Systemic
	Long term inhalation	10,86 mg/m ³	Workers	Systemic

Source: Registration Dossier - ECHA

PNEC:

Substance	Media	Value	Method
Hypochlorous acid	No CSR		
	Freshwater	12,1 mg/l	Assessment factor
	Marine water	1.52 mg/l	Assessment factor
Cyanuric Acid	Sediment, Fresh water	7,56 mg/kg dwt	Assessment factor
	STP	204,1 mg/l	Assessment factor
	Soil	0,756 mg/kg dwt	Assessment factor

Source: Registration Dossier - ECHA

8.2. Exposure controls

The product should not be opened before dissolvment of granulate.

Exposure controls listed are relevant for the activated product. Use common occupational hygiene.

Eye / Face protection: Normally not necessary. Use safety goggles (EN166) when there is a risk of eye contact.

Hand / skin protection: Wear protective clothing to minimize skin contact. Use appropriate chemical resistant gloves (Nitrile. Butyl rubber. Neoprene)



Respiratory protection: Normally not necessary.

Environmental exposure controls:

Do not flush wipes into sewer systems. Dispose of wipes according to local regulations.

SECTION 9: Physical and chemical properties

9.1. Information on basic and chemical properties

Appearance	White wipes.
Odour	Mild chlorine-like
pH	Alkaline
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	Not applicable
Solubility in water	Can be diluted in wipes
Partition coefficient (n-octanol/water)	Log Pow - -0.0056 (estimated)
Auto-ignition temperature	Not self-ignitable
Viscosity	Not applicable
Explosive properties	Not available

9.2. Other information

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SECTION 10: Stability and reactivity

10.1. Reactivity

The half-life of hypochlorous acid is 48 hours.

10.2. Chemical stability

Stable at recommended storage temperatures.

10.3. Possibility of hazardous reactions

Hypochlorous acid is a strong oxidant. Generates toxic gas in contact with acid.

10.4. Conditions to avoid

Avoid heating (toxic chlorine gas can form when heated).

10.5. Incompatible materials

May react with strong oxidising agents and acids.

10.6. Hazardous decomposition products

When heated to high temperatures (decomposition) it emits toxic fumes such as: Carbon and nitrogen oxides, chlorine compounds and amines.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Likely routes of exposure: Skin, lungs and gastrointestinal tract.
 Symptoms: Inhalation: Inhalable particles/aerosols may irritate the respiratory tract and cause discomfort, headache and dizziness.
 Skin: May cause irritation and degrease skin.
 Eyes: May cause irritation with redness and pain.
 Ingestion: May irritate the mucous membranes in mouth, throat and stomach.
 Chronic effects: None known.

Hypochlorous acid

Type	Species	Result	Method
Acute toxicity	Oral	Rat	LD ₅₀ 8200 mg/kg
	Inhalation	Rat	LC ₅₀ >10,5 mg/l
	Dermal	Rabbit	LD ₅₀ > 10.000 mg/kg
Skin corrosion/irritation	No known effects		
Eye damage/ irritation	No known effects		
Respiratory or Skin sensitisation	No known effects		
CMR	Rodents	No effect observed	Not mentioned

Source: IUCLID

SECTION 12: Ecological information

12.1. Toxicity

Hypochlorous acid

Type	Species	Result	Method
LC ₅₀	Fish, <i>Oncorhynchus orbuscha</i> , 96h	0,023-0,052 mg/l	Not mentioned
EC ₅₀	Crustacean, <i>Ceriodaphnia sp.</i> , 24h	0,006 mg/l	Not mentioned
EC ₅₀	Algae, <i>Skeletonema costatum</i> , 24h	No0,095 mg/l	Not mentioned

Source: IUCLID

12.2. Persistence and degradability

No data.

12.3. Bioaccumulative potential:

Not expected to bioaccumulate

12.4. Mobility in soil

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

EWC-Code: 18 01 04

Code is indicative. Waste whose collection and disposal is not subject to special requirements in view of the prevention of infection (e.g. dressings, plaster casts, linen, disposable clothing, diapers).

However, if the waste in view of the prevention of infection needs special requirements, other Waste Codes should be used. It is the responsibility of the holder of the waste to determine the actual classification. The penetration of the product into sewer system or water courses should be avoided. Dispose of in accordance with local and national regulation.

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1. UN-number				
14.2. Prober shipping name		Not hazardous for transportation.		
14.3. Transport hazard class		-		
14.4. Packaging group		-		
14.5. Environmental hazards				
IMDG Marine pollutant:		Not relevant		
14.6. Special precautions for user		None.		
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code		Not relevant		

SECTION 15: Regulatory information

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

Biocidal product: product type 2.
Active substance: Hypochlorous acid < 2,5 g/1000 g.
Biocide products should be used with caution, read label and instructions.

15.2. Chemical Safety Assessment

No CSR for the mixture.

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).

Abbreviations used:

CMR	Carcinogenic, mutagenic, reprotoxic
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.
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
CSR	Chemical Safety Report

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.