

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 Triamin Disinfection.

Item no.: 81115. 81153. 81133.

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

Relevant identified uses of the mixture:
 SU20 Health services.
 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:
 Skin disinfection.

All tox data etc. in this safety data sheet refers to the liquid in the wipes.

1.3. Details of the supplier of the safety data sheet

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

Compilation date: 15.03.2017

1.4. Emergency telephone number

Use your national or local emergency number
 (DE) +49 (0)30-19240. (DK) +45 82 12 12 12

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP (1272/2008):
 None

2.2. Label elements:

Hazard pictograms (GHS): None.
 Signal word: None.
 Hazard statement(s): None

Precautionary statements:

General: Read label before use(P103)
 Prevention: -
 Response: -
 Storage: Frost free.
 Disposal: Dispose of according to local waste disposal regulations(P501)

Additional information.

Used professionally in the health and veterinary sector.
 All tox data etc. in this safety data sheet refers to the liquid in the wipes.
 Always use gloves when handling the wipes. Avoid eye contact.

2.3. Other hazards

The ingredients are not considered PBT/vPvB according to criteria in Annex XIII.

SECTION 3: Composition/information on ingredients

3.1. Substance

Mixture.

3.2. Mixtures

Substance	%(w/w)	CAS / EC-no.	Classification
Laurylamine dipropylenediamine	< 0,25	2372-82-9 / 219-145-8	Acute Tox. 3; H301 Skin Corr. 1B; H314 STOT RE 2; H373 (kidney) Aquatic Acute 1; H400 Aquatic Chronic 1; H410
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	< 0,1	308062-28-4 / 931-292-6	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 2; H411
DL-Alanine, N,N-bis(carboxymethyl)-, trisodium salt	< 0,1	- / 423-270-5	The substance is pre-registered under REACH.

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.
- Ingestion: Rinse mouth. Do not induce vomiting. Seek medical help if discomfort or irritation occurs.
- Skin contact: Rinse with water. The product is generally not irritating.

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

None known

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

No special, immediate treatment is necessary. If any discomfort arises, treat symptoms and bring safety data sheet when you contact a physician.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

- Suitable: Does not burn. Use extinguishing media in accordance with the surroundings.
- Unsuitable: Full water jet can spread the fire.

5.2. Special hazards arising from the substance or mixture

- Hazardous combustion products:
Carbon oxides (COx). Nitrogen oxides (NOx).

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 gloves during prolonged or repeated contact.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

6.3. Methods and material for containment and cleaning up

Gather and place in suitable container. Dispose of according to local regulations.

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

To be stored at room temperature.

7.3. Specific end use(s)

Se section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Contains no substances with occupational exposure limit values.

DNEL:

Substance	Exposure	Value	Population	Effects
Laurylamine dipropylenediamine	Long term Dermal	0,91 mg/kg bw/day	Workers	Systemic
	Long term inhalation	2,35 mg/m ³	Workers	Systemic
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	Long term Dermal	11 mg/kg bw/day	Workers	Systemic
	Long term inhalation	6,2 mg/m ³	Workers	Systemic
DL-Alanine, N,N-bis(carboxymethyl) -, trisodium salt	Long term Dermal	170 mg/kg bw/day	Workers	Systemic
	Long term inhalation	40 mg/m ³	Workers	Systemic

Source: Registration Dossier – ECHA

PNEC:

Substance	Media	Value	Method
Laurylamine dipropylenediamine	Freshwater	0,001 mg/l	Assessment factor
	Marine water	0 mg/l	Assessment factor
	Sediment, Fresh water,	8,5 mg/kg dwt	Partition coefficient
	Sediment, Marine water	0,85 mg/kg dwt	Partition coefficient
	STP	1,33 mg/l	Assessment factor
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	Soil	45,34 mg/kg dwt	Assessment factor
	Freshwater	0,034 mg/l	Assessment factor
	Marine water	0,003 mg/l	Assessment factor
	Sediment, Fresh water	5,24 mg/kg dwt	equilibrium partitioning method
	Sediment, Marine water	0,524 mg/kg dwt	equilibrium partitioning method
	STP	24 mg/l	Assessment factor
	Soil	1,02 mg/kg dwt	Assessment factor

Source: Registration Dossier – ECHA
No PNEC found for EC-no. 423-270-5.SDS/ECHA dossier

8.2. Exposure controls

No control is necessary if the product is used in a normal way.

- Eye / Face protection: Avoid contact with eye and eye area during use of wipe.
- Hand / skin protection: Use waterproof gloves during use of wipes.
- Respiratory protection: Not applicable.
- Environmental exposure controls: Should not be released into the environment.



SECTION 9: Physical and chemical properties

9.1. Information on basic and chemical properties

- Appearance: White wipe material
- Odour: weak odour to odourless
- pH: 8.0 to 9.5
- Boiling point: not relevant, since the fluid is impregnated in wipes.
- Flash point: not available
- Evaporation rate: not available
- Vapour pressure: not available
- Vapour density: not available
- Solubility in water: the liquid can be diluted in the napkins.

9.2. Other information

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SECTION 10: Stability and reactivity

10.1. Reactivity

None known.

10.2. Chemical stability

Stabil at recommended

10.3. Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Laurylamine dipropylenediamine

Type		Species	Result	Method
Acute toxicity	Oral	Rat	261 mg/kg	OECD 401
	Inhalation	No data available		
	Dermal	No data available		
Skin corrosion/irritation		Rabbit	Corrosive	OECD 404 (4h)
Eye damage/ irritation		II	II	II
Respiratory or Skin sensitisation		Guinea pig	Not a sensitizer	EU Method B.6
Germ cell mutagenicity		No data available		
Carcinogenicity		Rat	Not a carcinogen	OECD 453 (104 weeks)
Reproductive toxicity		Rat	no effects observed	OECD 416
STOT-single exposure		No data available		
STOT- repeated exposure		Rat	8 mg/kg bw/day	OECD 453 (104 weeks)
Aspiration hazard		No data available		

Source: Registration Dossier – ECHA

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

Type		Species	Result	Method
Acute toxicity	Oral	Rat	1064 mg/kg	OECD 401
	Inhalation	No data available		
	Dermal	Rabbit	> 200 mg/bw	OECD 402
Skin corrosion/irritation		Rabbit	Irritant	OECD 404 (24h)
Eye damage/ irritation		Rabbit	Causes serious eye damage	OECD 405
Respiratory or Skin sensitisation		Guinea pig	Not a sensitizer	OECD 406
Germ cell mutagenicity		Mouse	Not a mutagen	OECD 478
Carcinogenicity		Rat	0,2% in diet / Not a carcinogen	OECD 451
Reproductive toxicity		Rat	no effects observed	OECD 422
STOT-single exposure		No data available		
STOT- repeated exposure		No data available		
Aspiration hazard		No data available		

Source: Registration Dossier – ECHA

DL-Alanine, N,N-bis(carboxymethyl) -, trisodium salt

Type		Species	Result	Method
Acute toxicity	Oral	Rat	> 2000 mg/kg	EU Method B.1

	Inhalation	No data available		
	Dermal	Rat	> 2000 mg/kg bw	OECD 402
Skin corrosion/irritation		Rabbit	Not an irritant	OECD 404 (72h)
Eye damage/ irritation		Rabbit	Not an irritant	OECD 405
*Respiratory or Skin sensitisation		Guinea pig	Not a sensitizer	OECD 406
*Genetic toxicity	The substance was not mutagenic in bacteria.			OECD 471
	The substance was not mutagenic in a test with mammals.			OECD 476
*Carcinogenicity	Rat	Not a carcinogen		OECD 453
*Reproductive toxicity	No indication of a fertility impairing effect.			OECD 421/422
STOT-single exposure	No data available			
* STOT- repeated dose	Rat	May cause damage to the kidney after repeated ingestion of high doses.		OECD 453
* Aspiration hazard	No expected hazards			

Source: Registration Dossier – ECHA. *Suppliers SDS

Mixture:

Calculated values for toxicity indicates no danger:
Data can be obtained by the company.

ATE_{mix} (oral) > 35000 mg/kg

Classified when ATE_{mix} ≤ 2000

Ingestion is not relevant due to the products form. Will cause nausea.

SECTION 12: Ecological information

12.1. Toxicity

Eco-toxicological data for the mixture are not available.

Laurylamine dipropylenediamine

Test	Species	Result	Duration
OECD 203, LC ₅₀	Fish, <i>Oncorhynchus mykiss</i>	0,68 mg/l	96 h
US-EPA, LC ₅₀	Fish, <i>Lepomis macrochirus</i>	0,45 mg/l	96 h
OECD 202, EC ₅₀	Daphnia, <i>Daphnia magna</i>	2 mg/l	24 h
DIN 38412, EC ₅₀	Bacteria, <i>Pseudomonas putida</i>	1- 5 mg/l	-

Source: supplier's SDS (2015)

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

Test	Species	Result	Duration
LC ₅₀	Fish	2,67 mg/l	-
EC ₅₀	Daphnia	3,1 mg/l	-
LC ₅₀	Algae	0,143 mg/l	-
NOEC	Algae	0,067 mg/l	-

Source: supplier's SDS (2016)

DL-Alanine, N,N-bis(carboxymethyl) -, trisodium salt

Test	Species	Result	duration
OECD 203, LC ₅₀	Fish, <i>Brachydanio rerio</i>	> 200 mg/l	96 h
OECD 202, EC ₅₀	Daphnia, <i>Daphnia magna</i>	> 200 mg/l	48 h
OECD 204, NOEC	Fish, <i>Oncorhynchus mykiss</i>	200 mg/l	28 days
OECD 207, LC ₅₀	Soil organisms, <i>Eisenia Foetida</i>	0300 mg/kg	-

Source: supplier's SDS (2015)

12.2. Persistence and degradability

Readily biodegradable.

12.3. Bioaccumulative potential:

No bioaccumulative potential.

12.4. Mobility in soil

No data available.

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

	ADR/RID	ADN	IMDG	IATA
14.1. UN-number	None	-	-	-
14.2. UN proper shipping name	None	-	-	-
14.3. Transport hazard class	None	-	-	-
14.4. Packaging group	None	-	-	-
14.5. Environmental hazards				
IMDG Marine pollutant:	No			
14.6. Special precautions for user				
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code				
Not applicable.				

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 use of the product.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out 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. The information in this safety data sheet applies only the product referred to in section 1 and is not valid when used with other products.

Classified by calculation, based on known hazards of ingredients.

H412 harmful to aquatic life with long lasting effects.

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

H301 Toxic if swallowed

H302 Harmful if swallowed

H314 Causes severe skin burns and eye damage.

H315 causes skin irritation.

H318 Causes serious eye damage.

H373 Can cause organ damage (kidneys) through prolonged or repeated intake.

H400 Very toxic to aquatic organisms.

H410 Very toxic with long lasting effects to aquatic organisms.

H411 toxic to aquatic life with long lasting effects.

H412 harmful to aquatic life with long lasting effects.

Abbreviations used:

ATE Acute toxicity estimate.

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.
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. Sub-contractor's 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, in order, 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.