

## 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 code.: 83133  
 Recipe number: WW024

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

National registration code of the substance or mixture: GB9924620-39592  
 Application: Disinfection of surfaces and medical devices  
 Uses advised against: 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 liquid in the cloth.

**1.3 Details of the supplier of the safety data sheet**

Company name and address of the supplier:  
 Wet Wipe A/S  
 Vallensbaekvej 65  
 DK-2625 Vallensbaek  
 Tel.: +45 70 266 244  
 www.wetwipe.eu  
 Responsible of the safety data sheet (E-mail): info@wetwipe.eu  
 Compilation date: 07.02.2020

**1.4 Emergency telephone number**

Aras Maju Hygiene  
 Level 7, Oasis Wing, Brunsfield Oasis Tower 3  
 No.2 Jalan PJU 1A/7A, Oasis Square, Oasis Damansara  
 47301 Petaling Jaya, Selangor, Malaysia  
 Tel: +603-78485953  
 (E-mail): info@arasmaju.com

### SECTION 2: Hazards identification

**2.1 Classification of the substance or mixture**

Below classification limit according to CLP (1272/2008):

**2.2 Label elements:**

Hazard pictograms (GHS):	None
Signal word:	None
Hazard statement(s):	H412; Harmful to aquatic life with long lasting effects
Precautionary statements:	P103; Read label before use. P273; Avoid release to the environment. P501; Dispose of contents/container in accordance with municipal waste-disposal regulation
Additional information:	None

**2.3 Other hazards**

None known.  
 Substances are not considered PBT/vPvB according to criteria in Annex XIII.

### SECTION 3: Composition/information on ingredients

#### 3.1 Substance

Mixture.

#### 3.2 Mixtures

Laurylamine dipropylenediamine

%(w/w)	CAS / EC-no.	Classification
< 0,4	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

See full text of H-phrases in Section 16.

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

%(w/w)	CAS / EC-no.	Classification
< 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

See full text of H-phrases in Section 16.

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

%(w/w)	CAS / EC-no.	Classification
< 0,1	- / 423-270-5	The substance is pre-registered under REACH.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

Inhalation: Remove to fresh air. Keep at rest. In case of discomfort: Seek medical advice.  
 Eye contact: Flush with water or physiological salt water, holding eye lids open. Remember to remove contact lenses, if any. If irritation persists: Seek medical advice.  
 Ingestion: Rinse mouth and drink plenty of water. Keep at rest. In case of discomfort: Seek medical advice.  
 Skin contact: Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

#### 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

No special, immediate treatment is necessary. If any discomfort arises, treat symptoms and show this safety data sheet to a physician or emergency ward.

### SECTION 5: Fire-fighting measures

#### 5.1 Extinguishing media

Carbon dioxide, dry chemical, sand, foam or water fog.

#### 5.2 Special hazards arising from the substance or mixture

In case of fire, the product may form hazardous decomposition products such as oxides of carbon.

#### 5.3 Advice for fire-fighters

Do not breathe smoke fumes. Use breathing apparatus with an independent source of air.

### 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

Not relevant.

#### 6.3 Methods and material for containment and cleaning up

Place in a suitable container for disposal. Further handling of spillage - see section 13.

#### 6.4 References to other sections

See above

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Follow direction in section 8.2 for appropriate handling.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed original container.

#### 7.3 Specific end use(s)

See uses in section 1.2.

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

MAK:	None
KMR:	No KMR
DNEL/PNEC:	No CSR

#### DNEL:

Laurylamine dipropylenediamine

Exposure	Value	Population	Effects
Long term Dermal	0,91 mg/kg bw/day	Workers	Systemic
Long term inhalation	2,35 mg/m <sup>3</sup>	Workers	Systemic

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

Exposure	Value	Population	Effects
Long term Dermal	11 mg/kg bw/day	Workers	Systemic
Long term inhalation	6,2 mg/m <sup>3</sup>	Workers	Systemic

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

Exposure	Value	Population	Effects
Long term Dermal	170 mg/kg bw/day	Workers	Systemic
Long term inhalation	40 mg/m <sup>3</sup>	Workers	Systemic

Source: ECHA Registration Dossier.

#### PNEL:

Laurylamine dipropylenediamine

Media	Value	Method
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
Soil	45,34 mg/kg dwt	Assessment factor

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

Media	Value	Method
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: ECHA Registration Dossier.

#### 8.2 Exposure controls

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

#### Personal protective equipment

Respiratory protection:	Not necessary
Eye / Face protection:	Not necessary
Hand / skin protection:	Use water proof gloves according to EN 374-2.



Environmental exposure controls:

Do not flush wipes into surface water or sanitary sewer system.

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic and chemical properties

Appearance:	Damp cloth
Odour:	Characteristic smell of amine.
Source of odour	Laurylamine dipropylenediamine
Odour threshold:	Not determined
pH-value:	8.5-9.5
Melting point/freezing point (°C):	Not determined
Initial boiling point and boiling range (°C):	Not determined
Flash point (°C):	Not determined
Evaporation rate:	Not determined
Flammability (solid, gas):	Not relevant
Upper/lower flammability or explosive limits (vol-%):	Not relevant
Vapour pressure:	Not determined
Relative density (g/ml):	Not determined
Solubility:	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature (°C):	Not relevant
Decomposition temperature (°C):	Not determined
Viscosity:	Not determined

#### 9.2 Other information

Not relevant

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

None known.

#### 10.2 Chemical stability

Stable under normal conditions (see section 7).

#### 10.3 Possibility of hazardous reactions

No available information.

#### 10.4 Conditions to avoid

None known.

#### 10.5 Incompatible materials

No data available.

#### 10.6 Hazardous decomposition products

When heated to high temperatures (decomposition) it emits toxic fumes such as carbon oxides.

### SECTION 11: Toxicological information

No known hazardous decomposition products.

#### 11.1 Information on toxicological effects

Laurylamine dipropylenediamine

Type	Species	Result	Method
Acute toxicity Oral	Rat	261 mg/kg	OECD 401
Acute toxicity Inhalation	No data available		
Acute toxicity 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)
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Aspiration hazard No data available

Sources: ECHA Registration Dossier.

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

Type	Species	Result	Method
Acute toxicity Oral	Rat	1064 mg/kg	OECD 401
Acute toxicity Inhalation	No data available		
Acute toxicity 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		

Sources: ECHA Registration Dossier.

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

Type	Species	Result	Method
Acute toxicity Oral	Rat	> 2000 mg/kg	EU Method B.1
Acute toxicity Inhalation	No data available		
Acute toxicity 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
	The substance was not mutagenic in bacteria.		OECD 471
			OECD 476
*Genetic toxicity	The substance was not mutagenic in a test with mammals.		
*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		

Sources: ECHA Registration Dossier.

**Absorption by: Lungs, skin, stomach and intestinal tract. symptoms:**

- Skin: May cause irritation and degrease skin with redness.
- Eye: May cause irritation with redness and pain.
- Ingestion: May irritate the mucous membranes in mouth, throat and stomach.
- Inhalation: Inhalable aerosols may irritate the respiratory tract and cause discomfort, headache and dizziness.
- Chronic toxicity: None known

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

Source: Suppliers SDS

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

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

Source: Suppliers SDS

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

Test	Species	Result	Duration
OECD 203, LC <sub>50</sub>	Fish, <i>Brachydanio rerio</i>	> 200 mg/l	96 h
OECD 202, EC <sub>50</sub>	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 <sub>50</sub>	Soil organisms, <i>Eisenia Foetida</i>	0300 mg/kg	-

Source: Suppliers SDS

#### 12.2 Persistence and degradability

Rapidly biodegradable OECD Test Guideline 301D.

#### 12.3 Bioaccumulative potential:

No bioaccumulation is to be expected

#### 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

Disposal should be according to local, state or national legislation. Dispose through authority facilities or pass to a chemical disposal company. Disposal should be according to local, state or national legislation. EWC-Code: 18 01 04 (wastes 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).

## SECTION 14: Transport information

Not dangerous goods

**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:** None

**14.6 Special precautions for user:** None

**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

The present product is a Biocidal product according to Regulation (EU) No. 528/2012. To avoid testing the product in animal experiments the evaluation is made based on toxicological data and content by weight of the individual ingredients according to 1272/2008/EC or analogous evaluations of comparable products.

#### 15.2 Chemical Safety Assessment

No CSR

### SECTION 16: Other information

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).

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	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

#### Abbreviations used:

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.
LC <sub>50</sub>	Lethal Concentration 50 %
EC <sub>50</sub>	Effect Concentration 50 %
PBT	Persistent, Bioaccumulative, Toxic
vPvB	very Persistent, very Bioaccumulative

#### 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.

#### Training advice:

No special training is required. However, the user should be well instructed in the execution of the task, be familiar with this Safety Data Sheet and have normal training in the use of personal protective equipment.

#### Changes since the previous edition:

Not applicable