

## APESIN KITCHEN Q&E

WM 0714320

Order number: 0714320

Version 4.1

Revision Date 22.01.2026

Print Date 24.06.2026

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

#### 1.1 Product identifier

Trade name : APESIN KITCHEN Q&E  
UFI : 9374-60NP-J00M-5P7A

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

Use of the Substance/Mixture : Biocidal product  
Restricted to professional users.

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

Company : Tana Chemie GmbH  
Rheinallee 96  
55120 Mainz  
Telephone : +49613196403  
Telefax : +4961319642526  
E-mail address : Produktsicherheit@werner-mertz.com  
Responsible/issuing person  
Contact person : Product development / product safety

#### 1.4 Emergency telephone

EU: 112

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Skin irritation, Category 2 H315: Causes skin irritation.

Eye irritation, Category 2 H319: Causes serious eye irritation.

#### 2.2 Label elements

##### Labeling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal Word : Warning

Hazard Statements : H315 Causes skin irritation.  
H319 Causes serious eye irritation.

Precautionary Statements : P102 Keep out of reach of children.

**Prevention:**  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
**Response:**

# SAFETY DATA SHEET

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



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P302 + P352	IF ON SKIN: Wash with plenty of water.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.

Safety data sheet available on request.

### Classification in use concentration

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

### 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.

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

#### Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
3-methoxy-3-methylbutan-1-ol	56539-66-3 260-252-4	Eye Irrit. 2; H319 <hr/> Acute toxicity estimate <hr/> Acute oral toxicity: 4.400 mg/kg	>= 3 - < 5
didecyldimethylammonium chloride	7173-51-5 230-525-2 612-131-00-6	Skin Corr. 1B; H314 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 2; H411 Acute Tox. 4; H302 <hr/> M-Factor (Acute aquatic toxicity): 10 <hr/> Acute toxicity estimate	>= 1 - < 2,5

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		Acute oral toxicity: 329 mg/kg	
alkyl polyglycol ether carboxylic acid	53563-70-5	Eye Dam. 1; H318 Skin Irrit. 2; H315	>= 1 - < 3
		specific concentration limit Skin Irrit. 2; H315 >= 20 % Eye Dam. 1; H318 >= 20 %	

### SECTION 4: First aid measures

#### 4.1 Description of first-aid measures

- General advice : No hazards which require special first aid measures.
- If inhaled : Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.  
If symptoms persist, call a physician.
- In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.
- In case of eye contact : Protect unharmed eye.  
If easy to do, remove contact lens, if worn.  
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.

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

- Symptoms : No information available.
- Risks : No information available.

#### 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 : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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

- Specific hazards during fire : Do not allow run-off from fire fighting to enter drains or water

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fighting

courses.

Hazardous combustion products : No hazardous combustion products are known

### 5.3 Advice for firefighters

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

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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## 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 : Neutralize with acid.  
Sweep up and shovel.  
Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For personal protection see section 8., Treat recovered material as described in the section "Disposal considerations"., Refer to section 15 for specific national regulation.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.  
No special handling advice required.  
Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : Wash hands before breaks and at the end of workday.

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

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container.

Advice on common storage : No special restrictions on storage with other products.

Further information on storage : No decomposition if stored and applied as directed.

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stability

Protect from frost.

### 7.3 Specific end use(s)

Specific use(s) : Biocidal product

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

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

Substance name	End Use	Routes of exposure	Potential health effects	Value
Alanine, N,N-bis(carboxymethyl)-, trisodium salt	Workers	Inhalation	Acute systemic effects	40 mg/m <sup>3</sup>
	Workers	Inhalation	Acute local effects	40 mg/m <sup>3</sup>
	Workers	Inhalation	Long-term systemic effects	40 mg/m <sup>3</sup>
	Workers	Inhalation	Long-term local effects	4 mg/m <sup>3</sup>
	Consumers	Inhalation	Acute local effects	20 mg/m <sup>3</sup>
	Consumers	Inhalation	Acute systemic effects	20 mg/m <sup>3</sup>
	Consumers	Inhalation	Long-term systemic effects	20 mg/m <sup>3</sup>
	Consumers	Inhalation	Long-term local effects	2 mg/m <sup>3</sup>
	Consumers	Ingestion	Acute systemic effects	85 mg/kg
	Consumers	Ingestion	Long-term systemic effects	17 mg/kg

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

Substance name	Environmental Compartment	Value
Alanine, N,N-bis(carboxymethyl)-, trisodium salt	Fresh water	2 mg/l
	Sea water	0,2 mg/l
	Fresh water sediment	24 mg/kg
	Soil	2,5 mg/kg

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	STP	100 mg/l
	intermittent release	1 mg/l

### 8.2 Exposure controls

#### Personal protective equipment

Eye/face protection : not required under normal use

#### Hand protection

Material : For prolonged or repeated contact use protective gloves.

It is suggested the usage of chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374.

As alternative, a different type of gloves might be used if, accordingly to the recommendations of the producer, guarantee the same level of protection.

Material : not required under normal use

Remarks : Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Skin and body protection : not required under normal use

Respiratory protection : not required under normal use

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state : liquid  
Color : colorless  
Odor : characteristic  
Melting point/freezing point : No data available

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Boiling point/boiling range	: No data available
Flammability (solid, gas)	: No data available
Flammability (liquids)	: No data available
Lower explosion limit	: No data available
Upper explosion limit	: No data available
Flash point	: No data available
Ignition temperature	: No data available
Decomposition temperature	: No data available
pH	: ca. 10,5, 100 % at 20 °C
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Water solubility	: completely soluble
Solubility in other solvents	: No data available
Partition coefficient: n- octanol/water	: No data available
Vapor pressure	: No data available
Density	: ca. 1,015 g/cm <sup>3</sup> at 20 °C
Relative density	: No data available
Relative vapor density	: No data available
Particle characteristics	: No data available

### 9.2 Other information

none

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable under recommended storage conditions.  
No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : No hazards to be specially mentioned.

### 10.4 Conditions to avoid

Conditions to avoid : Protect from frost.

### 10.5 Incompatible materials

Materials to avoid : No data available

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### 10.6 Hazardous decomposition products

No hazardous decomposition products are known.

## SECTION 11: Toxicological information

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

Our company is strongly against animal testing.

Our company does not place any orders for animal testing for the finished product or the ingredients.

However, as a result of EU legislation (REACH Regulation), the manufacturers of ingredients or EU importers are obliged to test ingredients with regard to their effects on human health and the environment before they are brought onto the market. Some of the tests made necessary by this took place decades ago.

#### Acute toxicity

##### Product:

Acute oral toxicity : Acute toxicity estimate: > 5.000 mg/kg  
Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate: 5 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 5.000 mg/kg  
Method: Calculation method

##### Components:

#### 3-methoxy-3-methylbutan-1-ol

##### 56539-66-3:

Acute oral toxicity : Acute toxicity estimate: 4.400 mg/kg

#### didecyldimethylammonium chloride

##### 7173-51-5:

Acute oral toxicity : LD50 (Rat): 238 mg/kg  
Method: OECD Test Guideline 401  
GLP: yes  
  
Acute toxicity estimate: 329 mg/kg  
Method: Converted acute toxicity point estimate

Acute dermal toxicity : LD50 (Rabbit): 3.342 mg/kg

#### Skin corrosion/irritation

##### Product:

Remarks : According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

##### Components:

#### didecyldimethylammonium chloride

##### 7173-51-5:

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Species : Rabbit  
Exposure time : 3 min  
Method : OECD Test Guideline 404  
Result : irritating  
GLP : yes

### Serious eye damage/eye irritation

#### Product:

Remarks : According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

### Respiratory or skin sensitization

#### Product:

Remarks : No data available

#### Components:

##### didecyldimethylammonium chloride

###### 7173-51-5:

Species : Guinea pig  
Method : Buehler Test  
Result : Did not cause sensitization on laboratory animals.

### Germ cell mutagenicity

Germ cell mutagenicity : Not Rated

#### Components:

##### didecyldimethylammonium chloride

###### 7173-51-5:

Genotoxicity in vitro : Test Type: Ames test  
Method: OECD Test Guideline 471  
Result: negative  
  
Test Type: Chromosome aberration test in vitro  
Result: negative

Genotoxicity in vivo : Test Type: in vivo assay  
Species: Rat  
Application Route: Oral  
Method: see user defined free text  
Remarks: negative

Carcinogenicity : Not Rated

Reproductive toxicity : Not Rated

STOT-single exposure : The substance or mixture is not classified as specific target organ toxicant, single exposure.

STOT-repeated exposure : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

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Aspiration toxicity : Not Rated

### 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.

#### Further information

**Product:**

Remarks : No data available

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## SECTION 12: Ecological information

### 12.1 Toxicity

**Components:**

**didecyldimethylammonium chloride**

**7173-51-5:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 1,0 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

LC50 (Pimephales promelas (fathead minnow)): 0,19 mg/l  
Exposure time: 96 h  
Method: see user defined free text  
GLP: yes

NOEC (Danio rerio (zebra fish)): 0,032 mg/l  
Exposure time: 34 d  
Method: see user defined free text

LC50 (Danio rerio (zebra fish)): 0,97 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

LC50 (Danio rerio (zebra fish)): 0,49 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0,062 mg/l  
Exposure time: 48 h  
Test Type: Immobilization  
Method: see user defined free text

NOEC (Daphnia magna (Water flea)): 0,01 mg/l  
Exposure time: 21 d  
Test Type: Reproduction Test  
Method: OECD Test Guideline 211

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- EC50 (Daphnia magna (Water flea)): 0,057 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202
- EC50 (Daphnia): 0,03 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202
- EC50 (Daphnia): 0,021 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 211
- NOEC (Daphnia magna (Water flea)): 0,014 mg/l  
Exposure time: 21 d
- Toxicity to algae/aquatic plants : ErC50 (Pseudokirchneriella subcapitata (green algae)): 0,026 mg/l  
Exposure time: 96 h  
Test Type: Growth inhibition  
Analytical monitoring: yes  
Method: OECD Test Guideline 201  
GLP: yes
- EC50 (Pseudokirchneriella subcapitata (green algae)): 0,053 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201
- NOEC (Pseudokirchneriella subcapitata (green algae)): 0,013 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201
- EC50 (Selenastrum capricornutum (green algae)): 0,06 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201
- M-Factor (Acute aquatic toxicity) : 10
- Toxicity to microorganisms : EC50 (activated sludge): 11 mg/l  
Exposure time: 3 h  
Test Type: Respiration inhibition  
Method: OECD Test Guideline 209
- EC50 : 17,9 mg/l  
Exposure time: 3 h  
Method: OECD Test Guideline 209
- EC20 : 8,9 mg/l  
Exposure time: 3 h  
Method: OECD Test Guideline 209
- Toxicity to fish (Chronic toxicity) : NOEC: 0,032 mg/l  
Exposure time: 34 d  
Species: Danio rerio (zebra fish)  
Analytical monitoring: yes  
Method: OECD Test Guideline 210  
GLP: yes
- Toxicity to soil dwelling organisms : NOEC: > 1.000 mg/kg  
Exposure time: 14 d  
Species: Eisenia fetida (earthworms)  
Method: OECD Test Guideline 207

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Plant toxicity : EC50: 283 - 1.670 mg/kg  
Exposure time: 14 d  
Method: OECD 208

### 12.2 Persistence and degradability

#### Components:

#### didecyldimethylammonium chloride

##### 7173-51-5:

Biodegradability : Biodegradation: 72 %  
Exposure time: 28 d  
Method: OECD 301 B  
Remarks: Readily biodegradable, according to appropriate OECD test.

Result: rapidly biodegradable  
Biodegradation: > 70 %  
Method: OECD 301 D

Biodegradation: 93,3 %  
Exposure time: 28 d  
GLP: yes

Biodegradation: 91 %  
Exposure time: 24 - 70 d  
Method: OECD Test Guideline 303A

### 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

#### Product:

Additional ecological information : There is no data available for this product.

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

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Product	: In accordance with local and national regulations.
Contaminated packaging	: Only give completely emptied packaging to special waste disposer.  Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or disposal.
Waste Code	European Waste Catalog 07 06 99 According to the European Waste Catalog, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

### SECTION 14: Transport information

#### 14.1 UN number or ID number

**ADR**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

#### 14.2 UN proper shipping name

Not regulated as a dangerous good

#### 14.3 Transport hazard class(es)

**ADR**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

#### 14.4 Packing group

**ADR**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

#### 14.5 Environmental hazards

**ADR**

Not dangerous goods

**IMDG**

Not regulated as a dangerous good

**IATA**

Not dangerous goods

#### 14.6 Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

For personal protection see section 8.

#### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

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### SECTION 15: Regulatory information

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

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : See Annex XVII to Regulation (EC) no 1907/2006 for Conditions of restriction

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

TA Luft List (Germany) : Total dust: Not applicable  
: Inorganic substances in powdered form: Not applicable  
: Inorganic substances in vapor or gaseous form: Not applicable  
: Organic Substances: Not applicable  
: Carcinogenic substances: Not applicable  
: mutagenic: Not applicable  
: Toxic to reproduction: Not applicable

Volatile organic compounds (VOC) content : Directive 2010/75/EU of 24 November 2010 on industrial and livestock rearing emissions (integrated pollution prevention and control)  
Update: Percent volatile: 0,99 %  
10,05 g/l  
VOC content valid only for coating materials used on wood surfaces

Volatile organic compounds (VOC) content : Directive 2010/75/EU of 24 November 2010 on industrial and livestock rearing emissions (integrated pollution prevention and control)  
Update: Percent volatile: 0,99 %  
79,69 g/l  
VOC content excluding water

#### 15.2 Chemical Safety Assessment

### SECTION 16: Other information

#### Full text of H-Statements

H302 : Harmful if swallowed.  
H314 : Causes severe skin burns and eye damage.  
H315 : Causes skin irritation.  
H318 : Causes serious eye damage.  
H319 : Causes serious eye irritation.  
H400 : Very toxic to aquatic life.  
H411 : Toxic to aquatic life with long lasting effects.

#### Full text of other abbreviations

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Acute Tox.	:	Acute toxicity
Aquatic Acute	:	Short-term (acute) aquatic hazard
Aquatic Chronic	:	Long-term (chronic) aquatic hazard
Eye Dam.	:	Serious eye damage
Eye Irrit.	:	Eye irritation
Skin Corr.	:	Skin corrosion
Skin Irrit.	:	Skin irritation

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 Standardization; 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 Organization 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, Authorization 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

#### Classification of the mixture:

Skin Irrit. 2 H315

Eye Irrit. 2 H319

#### Classification procedure:

Calculation method

Calculation method

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.

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