



## SANET ZITROTAN 10x1 I

WM 0712473

Order number: 0712473

Version 6.0

Revision Date 31.10.2019

Print Date 15.11.2019

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

#### 1.1 Product identifier

Trade name : SANET ZITROTAN 10x1 I  
Identification number : 61219

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

Use of the Substance/Mixture : Cleaning agent  
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 : +4961319642414  
E-mail address : Produktsicherheit@werner-mertz.com  
Responsible/issuing person :  
Contact person : Product development / product safety

#### 1.4 Emergency telephone number

112  
+49(0)6131-19240

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

#### 2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)  
Not a hazardous substance or mixture.

Safety data sheet available on request.

#### 2.3 Other hazards

No information available.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

Chemical nature : Aqueous solution

##### Hazardous components

| Chemical name | CAS-No.<br>EC-No. | Classification | Concentration<br>(% w/w) |
|---------------|-------------------|----------------|--------------------------|
|---------------|-------------------|----------------|--------------------------|



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|                                                       | Registration number                      |                                                                                                                              |                |
|-------------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|----------------|
| citric acid                                           | 77-92-9<br>201-069-1<br>01-2119457026-42 | Eye Irrit. 2; H319                                                                                                           | $\geq 2 - < 5$ |
| Alcohols, C12-14, ethoxylated, sulfates, sodium salts | 68891-38-3<br>01-2119488639-16           | Skin Irrit. 2; H315<br>Eye Dam. 1; H318<br>Aquatic Chronic 3; H412<br><br>SCL<br>5 - < 10 % 2; H319<br>$\geq 10,0$ % 1; H318 | $\geq 1 - < 2$ |

For explanation of abbreviations see section 16.

### 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.



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### 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 firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : No hazardous combustion products are known

#### 5.3 Advice for firefighters

Special protective equipment for firefighters : 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.

### 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 : Try to prevent the material from entering drains or water courses.

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

Methods for cleaning up : Neutralize with chalk, alkali solution or ammonia.  
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.

### 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



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required.

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.

Other data : No decomposition if stored and applied as directed.  
No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

Specific use(s) : Cleaning agent

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

#### DNEL

**Alcohols, C12-14, ethoxylated, sulfates, sodium salts 68891-38-3:** : End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: Long-term systemic effects  
Value: 2750 mg/kg bw/day

End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 175 mg/m<sup>3</sup>

End Use: Consumers  
Exposure routes: Skin contact  
Potential health effects: Long-term systemic effects  
Value: 1650 mg/kg bw/day

End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 52 mg/m<sup>3</sup>



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End Use: Consumers  
Exposure routes: Ingestion  
Potential health effects: Long-term systemic effects  
Value: 15 mg/kg

End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: Long-term local effects  
Value: 0,132 mg/cm<sup>2</sup>

End Use: Consumers  
Exposure routes: Skin contact  
Potential health effects: Long-term local effects  
Value: 0,079 mg/cm<sup>2</sup>

### PNEC

citric acid  
77-92-9:

: Fresh water  
Value: 0,44 mg/l  
  
Marine water  
Value: 0,044 mg/l  
  
STP  
Value: > 1000 mg/l  
  
Fresh water sediment  
Value: 34,6 mg/kg  
  
Marine sediment  
Value: 3,46 mg/kg  
  
Soil  
Value: 33,1 mg/kg

Alcohols, C12-14, ethoxylated,  
sulfates, sodium salts  
68891-38-3:

: Fresh water  
Value: 0,24 mg/l  
  
Marine water  
Value: 0,024 mg/l  
  
Fresh water sediment  
Value: 0,9168 mg/kg  
  
Marine sediment  
Value: 0,09168 mg/kg  
  
Soil  
Value: 7,5 mg/kg dry weight (d.w.)  
  
STP  
Value: 10000 mg/l  
  
intermittent release



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Value: 0,071 mg/l

Fresh water sediment

Value: 5,45 mg/kg

Marine sediment

Value: 0,545 mg/kg

### 8.2 Exposure controls

#### Personal protective equipment

Eye protection : not required under normal use

#### Hand protection

Material : not required under normal use

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 374-1: 2003 (0,4 mm).

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

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

#### Environmental exposure controls

General advice : Try to prevent the material from entering drains or water courses.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : red

Odour : fruity

Odour Threshold : No data available

pH : ca. 2,4, at 20 °C



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|                                        |                               |
|----------------------------------------|-------------------------------|
| Melting point/range                    | : No data available           |
| Boiling point/boiling range            | : No data available           |
| Flash point                            | : Not applicable              |
| Evaporation rate                       | : No data available           |
| Flammability (solid, gas)              | : No data available           |
| Flammability (liquids)                 | : No data available           |
| Burning rate                           | : No data available           |
| Lower explosion limit                  | : No data available           |
| Upper explosion limit                  | : No data available           |
| Vapour pressure                        | : No data available           |
| Relative vapour density                | : No data available           |
| Relative density                       | : No data available           |
| Density                                | : ca. 1,025 g/cm <sup>3</sup> |
| Water solubility                       | : soluble                     |
| Solubility in other solvents           | : No data available           |
| Partition coefficient: n-octanol/water | : No data available           |
| Ignition temperature                   | : No data available           |
| Thermal decomposition                  | : No data available           |
| Viscosity, dynamic                     | : ca. 1.200 mPa.s at 20 °C    |
| Viscosity, kinematic                   | : No data available           |
| Explosive properties                   | : No data available           |
| Oxidizing properties                   | : 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.



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### 10.4 Conditions to avoid

Conditions to avoid : No data available

### 10.5 Incompatible materials

Materials to avoid : No data available

### 10.6 Hazardous decomposition products

Hazardous decomposition products : No hazardous decomposition products are known.

Other information : No hazardous decomposition products are known.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Product

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

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

Respiratory or skin sensitisation : No data available

Germ cell mutagenicity : Not Rated

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.

Aspiration toxicity : Not Rated

Further information : No data available

#### Components:

##### citric acid

##### 77-92-9:

Acute oral toxicity : LD50 Oral Mouse: 5.400 mg/kg  
Method: OECD Test Guideline 401



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|                                                 |                                                                                                                                                                                                  |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                 | LD50 Oral Rat: 11.700 mg/kg<br>Method: OECD Test Guideline 401                                                                                                                                   |
|                                                 | LD50 Oral Mouse: 5.000 mg/kg                                                                                                                                                                     |
|                                                 | LD50 Oral Rat: 3.000 mg/kg                                                                                                                                                                       |
| Acute dermal toxicity                           | : LD50 Dermal Rat: > 2.000 mg/kg<br>Method: OECD Test Guideline 402                                                                                                                              |
| Acute toxicity (other routes of administration) | : see user defined free text Rat: 725 mg/kg<br>Application Route: see user defined free text<br><br>see user defined free text Mouse: 940 mg/kg<br>Application Route: see user defined free text |
| Serious eye damage/eye irritation               | : Result: Eye irritation                                                                                                                                                                         |
| Respiratory or skin sensitisation               | : Result: Does not cause skin sensitisation.                                                                                                                                                     |
| Carcinogenicity - Assessment                    | : Not classifiable as a human carcinogen.                                                                                                                                                        |
| Repeated dose toxicity                          | : Rat: NOAEL: 4.000 mg/kg<br>LOAEL: 8.000 mg/kg<br>Application Route: Oral<br>Exposure time: 10 d                                                                                                |

### Alcohols, C12-14, ethoxylated, sulfates, sodium salts

#### 68891-38-3:

|                                   |                                                                                                                                 |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Acute oral toxicity               | : LD50 Oral Rat: 2.870 mg/kg<br>Method: OECD Test Guideline 401<br><br>LD50 Rat: 7.400 mg/kg<br>Method: OECD Test Guideline 401 |
| Acute dermal toxicity             | : LD50 Rat: > 2.000 mg/kg<br>Method: OECD Test Guideline 402<br>GLP: yes                                                        |
| Skin corrosion/irritation         | : Species: Rabbit<br>Method: OECD Test Guideline 404                                                                            |
| Serious eye damage/eye irritation | : Species: Rabbit<br>Method: OECD Test Guideline 405                                                                            |



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|                                   |                                                                                                                      |
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| Respiratory or skin sensitisation | : Result: Does not cause skin sensitisation.                                                                         |
| Germ cell mutagenicity            |                                                                                                                      |
| Genotoxicity in vitro             | : Result: negative<br>Method: OECD Test Guideline 471                                                                |
| Reproductive toxicity             | : Species: Rat<br>Application Route: Oral<br>NOAEL: > 300 mg/kg,<br>F1: > 300 mg/kg, Method: OECD Test Guideline 416 |
| Teratogenicity                    | : Species: Rat<br>Application Route: Oral<br>>1.000 mg/kg<br>> 1.000 mg/kg<br>Method: OECD Test Guideline 414        |
| Repeated dose toxicity            | : NOAEL: 300 mg/kg                                                                                                   |
| STOT - repeated exposure          | : Exposure routes: Ingestion<br>Target Organs: Liver                                                                 |

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Components:

##### **citric acid**

##### **77-92-9:**

|                                                     |                                                                                                                                                      |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Toxicity to fish                                    | : LC50 (Leuciscus idus (Golden orfe)): 440 - 760 mg/l<br>Exposure time: 96 h<br>Method: OECD Test Guideline 203                                      |
| Toxicity to daphnia and other aquatic invertebrates | : EC50 (Daphnia magna (Water flea)): 1.535 mg/l<br>Exposure time: 24 h<br><br>EC50 (Daphnia magna (Water flea)): ca. 120 mg/l<br>Exposure time: 72 h |
| Toxicity to algae                                   | : NOEC (Scenedesmus quadricauda (Green algae)): 425 mg/l<br>Exposure time: 8 Days<br>Test Type: static test                                          |
| Toxicity to bacteria                                | : (Pseudomonas putida): > 10.000 mg/l<br>Exposure time: 16 h                                                                                         |



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### Alcohols, C12-14, ethoxylated, sulfates, sodium salts

#### 68891-38-3:

|                                                     |   |                                                                                                                                                               |
|-----------------------------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Toxicity to fish                                    | : | LC50 (Danio rerio (zebra fish)): 7,1 mg/l<br>Exposure time: 96 h<br>Test Type: flow-through test<br>Method: OECD Test Guideline 203<br>GLP: yes               |
|                                                     |   | LC50 (Fish): > 1 - 10 mg/l<br>Test Type: semi-static test<br>Method: OECD Test Guideline 203                                                                  |
|                                                     |   | LC50 (Leuciscus idus (Golden orfe)): 10 - 100 mg/l<br>Method: OECD Test Guideline 203                                                                         |
|                                                     |   | NOEC (Oncorhynchus mykiss (rainbow trout)): 0,14 mg/l<br>Exposure time: 28 d<br>Test Type: flow-through test<br>Method: OECD Test Guideline 204               |
|                                                     |   | LC50 (Brachydanio rerio (zebrafish)): 1 - 10 mg/l<br>Test Type: flow-through test<br>Method: OECD Test Guideline 203                                          |
|                                                     |   | LC50 (Brachydanio rerio (zebrafish)): 7,1 mg/l<br>Exposure time: 96 h                                                                                         |
| Toxicity to daphnia and other aquatic invertebrates | : | EC50 (Daphnia pulex (Water flea)): 7,4 mg/l<br>Exposure time: 48 h<br>Test Type: Immobilization<br>Method: OECD Test Guideline 202                            |
|                                                     |   | EC50 (Daphnia magna (Water flea)): > 1 - 10 mg/l<br>Exposure time: 48 h<br>Test Type: static test<br>Method: OECD Test Guideline 202                          |
|                                                     |   | NOEC (Daphnia magna (Water flea)): 0,27 mg/l<br>Exposure time: 21 d<br>Test Type: flow-through test<br>Method: OECD Test Guideline 211                        |
|                                                     |   | (Daphnia magna (Water flea)): 7,2 mg/l<br>Exposure time: 48 h                                                                                                 |
| Toxicity to algae                                   | : | EC50 (Desmodesmus subspicatus (green algae)): 27,7 mg/l<br>Exposure time: 72 h<br>Test Type: Growth inhibition<br>Method: OECD Test Guideline 201<br>GLP: yes |
|                                                     |   | EC50 (Scenedesmus subspicatus): 10 - 100 mg/l<br>Method: OECD Test Guideline 201                                                                              |
|                                                     |   | EC50 (Desmodesmus subspicatus (green algae)): > 10 - 100 mg/l                                                                                                 |



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|                                                                        |                                                                                                                                                                                                                     |
|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                        | Exposure time: 72 h<br>Test Type: static test<br>Method: OECD Test Guideline 201                                                                                                                                    |
|                                                                        | NOEC : 0,95 mg/l<br>Test Type: Growth inhibition<br>Method: OECD Test Guideline 201                                                                                                                                 |
|                                                                        | NOEC (Desmodesmus subspicatus (green algae)): 0,93 mg/l<br>Exposure time: 72 h<br>Test Type: static test<br>Method: OECD Test Guideline 201                                                                         |
| Toxicity to bacteria                                                   | : EC50 (Pseudomonas putida): > 10 g/l<br>Exposure time: 16 h<br>Test Type: Cell multiplication inhibition test<br>Method: DIN 38412<br>GLP: yes                                                                     |
|                                                                        | EC10 (Pseudomonas putida): > 10 g/l<br>Test Type: Cell multiplication inhibition test<br>GLP:                                                                                                                       |
| Toxicity to fish (Chronic toxicity)                                    | : NOEC: 1,2 mg/l<br><br>NOEC: 1 - 10 mg/l<br>Species: Leuciscus idus (Golden orfe)<br><br>NOEC: 0,14 mg/l<br>Exposure time: 28 d<br>Species: Oncorhynchus mykiss (rainbow trout)<br>Method: OECD Test Guideline 204 |
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | : NOEC: > 0,1 - 1 mg/l<br>Exposure time: 21 d<br>Species: Daphnia magna (Water flea)<br>Method: OECD Test Guideline 211                                                                                             |
| Toxicity to soil dwelling organisms                                    | : NOEC: 750 mg/kg<br>Exposure time: 96 d<br>Species: Eisenia fetida (earthworms)<br>Method: OECD Test Guideline 222                                                                                                 |

### 12.2 Persistence and degradability

**Product:**

Biodegradability : Remarks: The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

**Components:**

citric acid

| 77-92-9:



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Biodegradability : Result: Readily biodegradable.  
Biodegradation: 97 %  
Exposure time: 28 d  
Method: OECD 301 B

Result: Readily biodegradable.  
Biodegradation: 100 %  
Exposure time: 19 d  
Method: OECD 301 E

Biochemical Oxygen Demand (BOD) : 526 mg/g

Chemical Oxygen Demand (COD) : 728 mg/g

ThOD : 0,75 g/g

### Alcohols, C12-14, ethoxylated, sulfates, sodium salts

68891-38-3:

Biodegradability : Test Type: aerobic  
Result: rapidly biodegradable  
Biodegradation: > 70 %  
Exposure time: 28 d  
Method: OECD 301 A

Test Type: anaerobic  
Result: Biodegradable  
Biodegradation: > 60 %  
Exposure time: 41 d

## 12.3 Bioaccumulative potential

### Components:

citric acid

77-92-9:

Bioaccumulation : Remarks: Bioaccumulation is unlikely.

Partition coefficient: n-octanol/water : log Pow: -1,72

### Alcohols, C12-14, ethoxylated, sulfates, sodium salts

68891-38-3:

Bioaccumulation : Remarks: Bioaccumulation is unlikely.

## 12.4 Mobility in soil

### Components:

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

68891-38-3:

Distribution among environmental compartments : Adsorption/Soil  
Medium: Soil  
Koc: 191 Method: see user defined free text



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### 12.5 Results of PBT and vPvB assessment

#### Components:

##### **citric acid**

##### **77-92-9:**

Assessment : This substance is not considered to be persistent, bioaccumulating and toxic (PBT).. This substance is not considered to be very persistent and very bioaccumulating (vPvB)..

##### **Alcohols, C12-14, ethoxylated, sulfates, sodium salts**

##### **68891-38-3:**

Assessment : This substance is not considered to be very persistent and very bioaccumulating (vPvB).. This substance is not considered to be persistent, bioaccumulating and toxic (PBT)..

### 12.6 Other adverse effects

#### Product:

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

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging : Empty remaining contents.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.

## SECTION 14: Transport information

### 14.1 UN number

#### **ADR**

Not dangerous goods

#### **IMDG**

Not dangerous goods

#### **IATA**

Not dangerous goods

### 14.2 Proper shipping name

Not regulated as a dangerous good

### 14.3 Transport hazard class

#### **ADR**

Not dangerous goods

#### **IMDG**

Not dangerous goods

#### **IATA**

Not dangerous goods



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### 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 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

## 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, preparations and articles (Annex XVII) : Not applicable

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 vapour or gaseous form: : portionClass 3: < 0,01 %  
: Organic Substances: : portionClass 1: 3,29 %  
: 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 emissions (integrated pollution prevention and control)  
Update: Percent volatile: 0,02 %



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4,11 g/l  
VOC content excluding water

Volatile organic compounds (VOC) content : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Update: Percent volatile: 0,02 %  
0,15 g/l  
VOC content valid only for coating materials used on wood surfaces

according to Detergents Regulation EC 648/2004 : <5% Anionic surfactants, Perfumes

GISBAU (D) : GS 10

### 15.2 Chemical safety assessment

There is no data available for this product.

## SECTION 16: Other information

### Full text of H-Statements

|      |                                                    |
|------|----------------------------------------------------|
| H315 | Causes skin irritation.                            |
| H318 | Causes serious eye damage.                         |
| H319 | Causes serious eye irritation.                     |
| H412 | Harmful to aquatic life with long lasting effects. |

### Further information

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

Classification procedure:

Calculation method

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; 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 Standardisation; 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 Organisation 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 -



Werner & Mertz  
Professional

## **SANET ZITROTAN 10x1 I**

**WM 0712473**

**Order number: 0712473**

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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, Authorisation 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; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

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