



## TANEX PERFORMA Q&E 6 X 325 ML

WM 0713672

Order number: 0713672

Version 3.2

Revision Date 06.09.2016

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

#### 1.1 Product identifier

Trade name : TANEX PERFORMA Q&E 6 X 325 ML  
Identification number : 64530

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

Use of the Substance/Mixture : Cleaning agent

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

Company : Erdal-Rex GmbH  
Rheinallee 96  
55120 Mainz  
Telephone : +49613196402  
Telefax : +4961319642413  
E-mail address : Produktsicherheit@werner-mertz.com  
Responsible/issuing person  
Contact person : Product development / product safety

#### 1.4 Emergency telephone number

+49(0)6131-19240

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

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

Serious eye damage, Category 1 H318: Causes serious eye damage.

#### 2.2 Label elements

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

Hazard pictograms :



Signal word : Danger

Hazard statements : H318 Causes serious eye damage.

Precautionary statements : P102 Keep out of reach of children.

##### Prevention:

P260

Do not breathe spray.

P280

Wear eye protection/ face protection.

##### Response:

P305 + P351 + P338 + P310

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON



## TANEX PERFORMA Q&E 6 X 325 ML

WM 0713672

Order number: 0713672

Version 3.2

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**Disposal:** CENTER/doctor.  
P501 Only give completely emptied container to special waste disposer.

Hazardous components which must be listed on the label:

1,3-Dioxolane-4-methanol, 2-methyl-2-(2-methylpropyl)

### 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.  
No information available.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

Chemical name	CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration (%)
1,3-Dioxolane-4-methanol, 2-methyl-2-(2-methylpropyl)	5660-53-7  01-2120039709-47-0000	Eye Dam.1; H318	>= 5 - < 10
2,2-dimethyl-1,3-dioxolan-4-ylmethanol	100-79-8 202-888-7	Eye Irrit.2; H319	>= 2 - < 5
D-Glucopyranose, oligomers, decyl octyl glycosides	68515-73-1  01-2119488530-36	Eye Dam.1; H318	>= 2 - < 5
sodium octyl sulphate	142-31-4 205-535-5	Skin Corr.2; H315 Eye Dam.1; H318	>= 1 - < 2

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General advice : Move out of dangerous area.  
Consult a physician.  
Show this safety data sheet to the doctor in attendance.

If inhaled : Move to fresh air.  
If symptoms persist, call a physician.



## TANEX PERFORMA Q&E 6 X 325 ML

WM 0713672

Order number: 0713672

Version 3.2

Revision Date 06.09.2016

Print Date 20.09.2016

- In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.  
If symptoms persist, call a physician.
- In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.  
Protect unharmed eye.  
Continue rinsing eyes during transport to hospital.
- 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.  
Obtain medical attention.

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

- Symptoms : corrosive effects  
Irritation
- 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 :

### 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.

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

- Personal precautions : Use personal protective equipment.  
Ensure adequate ventilation.



## TANEX PERFORMA Q&E 6 X 325 ML

WM 0713672

Order number: 0713672

Version 3.2

Revision Date 06.09.2016

Print Date 20.09.2016

### 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 : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
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 : Avoid formation of aerosol. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. To avoid spills during handling keep bottle on a metal tray.

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

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. 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 : Store in original container. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store at room temperature in the original container.

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

### 7.3 Specific end use(s)

Specific use(s) : Cleaning agent

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

DNEL



## TANEX PERFORMA Q&E 6 X 325 ML

WM 0713672

Order number: 0713672

Version 3.2

Revision Date 06.09.2016

Print Date 20.09.2016

**D-Glucopyranose, oligomers, decyl octyl glycosides 68515-73-1:** : End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: Long-term systemic effects

End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 420 mg/m3

End Use: Consumers  
Exposure routes: Skin contact  
Potential health effects: Long-term systemic effects

End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 124 mg/m3

End Use: Consumers  
Exposure routes: Ingestion  
Potential health effects: Long-term systemic effects

**sodium octyl sulphate 142-31-4:** : End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects

End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: Long-term systemic effects  
Value: 285 mg/m3

End Use: Consumers  
Exposure routes: Skin contact  
Potential health effects: Long-term systemic effects

End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 85 mg/m3

End Use: Consumers  
Exposure routes: Ingestion  
Potential health effects: Long-term systemic effects

### PNEC

**D-Glucopyranose, oligomers, decyl octyl glycosides 68515-73-1:** : Fresh water  
Value: 0,176 mg/l

Marine water  
Value: 0,0176 mg/l

intermittent release  
Value: 0,27 mg/l

STP  
Value: 560 mg/l



## TANEX PERFORMA Q&E 6 X 325 ML

WM 0713672

Order number: 0713672

Version 3.2

Revision Date 06.09.2016

Print Date 20.09.2016

Fresh water sediment  
Value: 1,516 mg/kg

Marine sediment  
Value: 0,152 mg/kg

Soil  
Value: 0,654 mg/kg

**sodium octyl sulphate**  
**142-31-4:** : Fresh water  
Value: 0,1357 mg/l

Marine water  
Value: 0,01357 mg/l

STP  
Value: 1,35 mg/l

Fresh water sediment  
Value: 1,5 mg/kg

Marine sediment  
Value: 0,15 mg/kg

Soil  
Value: 0,22 mg/kg

### 8.2 Exposure controls

#### Personal protective equipment

Eye protection : If splashes are likely to occur, wear:  
Tightly fitting safety goggles

#### Hand protection

Material : For prolonged or repeated contact use protective gloves.  
Chemical resistant gloves made of butyl rubber or nitrile rubber  
category III according to EN 374 (0,4 mm).

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; except in case of aerosol formation.  
Recommended Filter type:  
ABEK-P3-filter

#### Environmental exposure controls

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



## TANEX PERFORMA Q&E 6 X 325 ML

WM 0713672

Order number: 0713672

Version 3.2

Revision Date 06.09.2016

Print Date 20.09.2016

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

Appearance	: liquid
Colour	: green
Odour	: characteristic
Odour Threshold	: No data available
pH	: ca. 9,7
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
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. 1,030 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	: No data available
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.



## TANEX PERFORMA Q&E 6 X 325 ML

WM 0713672

Order number: 0713672

Version 3.2

Revision Date 06.09.2016

Print Date 20.09.2016

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions., No decomposition if used as directed.

### 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 : May cause skin irritation in susceptible persons.  
Serious eye damage/eye irritation : May cause irreversible eye damage.  
Respiratory or skin sensitisation : No data available  
Further information : No data available

#### Components:

##### **1,3-Dioxolane-4-methanol, 2-methyl-2-(2-methylpropyl) 5660-53-7:**

Acute oral toxicity : LD50 Mouse: > 2.000 mg/kg

##### **2,2-dimethyl-1,3-dioxolan-4-ylmethanol 100-79-8:**

Acute oral toxicity : LD50 Mouse: 7.000 mg/kg

##### **D-Glucopyranose, oligomers, decyl octyl glycosides**

###### **68515-73-1:**

Acute oral toxicity : LD50 Rat: > 5.000 mg/kg  
Method: OECD Test Guideline 401

Acute dermal toxicity : Rabbit: > 2.000 mg/kg  
Method: OECD Test Guideline 402





## TANEX PERFORMA Q&E 6 X 325 ML

WM 0713672

Order number: 0713672

Version 3.2

Revision Date 06.09.2016

Print Date 20.09.2016

Skin corrosion/irritation	: Species: Rabbit Result: Mild skin irritation Method: OECD Test Guideline 404
Serious eye damage/eye irritation	: Species: Rabbit Result: Irreversible effects on the eye Method: OECD Test Guideline 405
Respiratory or skin sensitisation	: Species: Guinea pig Result: Does not cause skin sensitisation. Method: OECD Test Guideline 406
Germ cell mutagenicity Genotoxicity in vitro	: Type: Ames test Result: negative Method: OECD Test Guideline 471

### SECTION 12: Ecological information

#### 12.1 Toxicity

##### Components:

##### **1,3-Dioxolane-4-methanol, 2-methyl-2-(2-methylpropyl) 5660-53-7:**

Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia similis (water flea)): 590,53 mg/l Exposure time: 48 h
	EC50 (Daphnia similis (water flea)): 617,8 mg/l Exposure time: 24 h
	EC50 (Daphnia magna (Water flea)): 1.203,7 mg/l Exposure time: 48 h
	EC50 (Daphnia magna (Water flea)): 1.534,19 mg/l Exposure time: 24 h

##### **2,2-dimethyl-1,3-dioxolan-4-ylmethanol 100-79-8:**

Toxicity to fish	: LC50 (Pimephales promelas (fathead minnow)): 16.700 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia similis (water flea)): > 1.000 mg/l Exposure time: 24 h
	EC50 (Daphnia similis (water flea)): > 1.000 mg/l Exposure time: 48 h

##### **sodium octyl sulphate 142-31-4:**

Toxicity to fish	: LC50 : > 100 mg/l
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## TANEX PERFORMA Q&E 6 X 325 ML

WM 0713672

Order number: 0713672

Version 3.2

Revision Date 06.09.2016

Print Date 20.09.2016

Method: ISO 7346/2

Toxicity to daphnia and other aquatic invertebrates : EC50 : > 100 mg/l  
Method: OECD Test Guideline 202

Toxicity to algae : EC50 : > 100 mg/l

Toxicity to bacteria : EC0 : > 100 mg/l

Toxicity to fish (Chronic toxicity) : NOEC : > 1 - 10 mg/l

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC : > 1 - 10 mg/l

### 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:

##### **2,2-dimethyl-1,3-dioxolan-4-ylmethanol 100-79-8:**

Biodegradability : Result: Not readily biodegradable.  
Biodegradation: > 70 %  
Method: OECD Test Guideline 302B

### 12.3 Bioaccumulative potential

#### Components:

##### **1,3-Dioxolane-4-methanol, 2-methyl-2-(2-methylpropyl) 5660-53-7:**

Partition coefficient: n-octanol/water : log Pow: 1,67

##### **2,2-dimethyl-1,3-dioxolan-4-ylmethanol 100-79-8:**

Bioaccumulation : Bioconcentration factor (BCF): 1,3

### 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 Other adverse effects

#### Product:

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



## TANEX PERFORMA Q&E 6 X 325 ML

WM 0713672

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Version 3.2

Revision Date 06.09.2016

Print Date 20.09.2016

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

Product	: Offer surplus and non-recyclable solutions to a licensed disposal company.  Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. 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.  Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.
Waste Code	European Waste Catalogue 200129 According to the European Waste Catalogue, 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

**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

#### 14.4 Packing group

**ADR**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods



## TANEX PERFORMA Q&E 6 X 325 ML

WM 0713672

Order number: 0713672

Version 3.2

Revision Date 06.09.2016

Print Date 20.09.2016

### 14.5 Environmental hazards

#### ADR

Not dangerous goods

Not regulated as a dangerous good

#### IATA

Not dangerous goods

### 14.6 Special precautions for user

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

Seveso III: Directive 2012/18/EU  
of the European Parliament and of  
the Council on the control of  
major-accident hazards involving  
dangerous substances.

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: Not applicable
- : Carcinogenic substances: Not applicable
- : Mutagenic: Not applicable
- : Toxic to reproduction: Not applicable

according to Detergents  
Regulation EC 648/2004

- : <5% Anionic surfactants, Non-ionic surfactants, Perfumes

Diğer kurallar

- : 26 Aralık 2008 tarihli,27092 mükerrer sayılı," T.C. Çevre ve Orman Bakanlığı Tehlikeli Maddeler ve Müstahzarlara İlişkin Güvenlik Bilgi Formlarının Hazırlanması ve Dağıtılması Hakkında Yönetmeliği " ne uygun düzenlenmiştir.
- : 26 Aralık 2008 27092 (mükerrer) sayılı Tehlikeli Maddelerin ve Müstahzarların Sınıflandırılması Ambalajlanması ve Etiketlenmesi Hakkında Yönetmelik hükümlerine göre hazırlanmıştır.

### 15.2 Chemical safety assessment

## SECTION 16: Other information

### Full text of H-Statements

H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.

### Further information

Classification procedure: H318 Calculation method



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