

TANEX PERFORMA Q&E 6 X 325 ML

WM 1213672

Order number: 0713672

Version 8.3

Revision Date 05.02.2021

Print Date 23.09.2021

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
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
Centru za kontrolu otrovanja u Zagrebu na tel. (01) 2348 342
+49(0)6131-19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

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

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.

Precautionary statements : P102 Keep out of reach of children.

Prevention:

P260 Do not breathe spray.
P280 Wear eye protection/ face protection.

TANEX PERFORMA Q&E 6 X 325 ML

WM 1213672

Order number: 0713672

Version 8.3

Revision Date 05.02.2021

Print Date 23.09.2021

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313

If eye irritation persists: Get medical advice/attention.

Disposal:

P501

Dispose of contents/ container to an approved waste disposal plant.

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

No information available.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

| Chemical name | CAS-No. EC-No. Registration number | Classification | Concentration (% w/w) |
|--|---|--|--------------------------|
| 1-phenoxypropan-2-ol | 770-35-4 212-222-7 01-2119486566-23 | Eye Irrit. 2; H319 | >= 5 - < 10 |
| 2,2-dimethyl-1,3-dioxolan-4-ylmethanol | 100-79-8 202-888-7 01-2120066005-66 | Eye Irrit. 2; H319 | >= 5 - < 10 |
| 2,2'-methyliminodiethanol | 105-59-9 203-312-7 01-2119488970-24 | Eye Irrit. 2; H319 | >= 2 - < 5 |
| D-Glucopyranose, oligomers, decyl octyl glycosides | 68515-73-1 01-2119488530-36 | Eye Dam. 1; H318 SCL > 10 % 1; H318 10 % 2; H319 | >= 2 - < 3 |
| sodium octyl sulphate | 142-31-4 205-535-5 01-2119966154-35 | Skin Irrit. 2; H315 Eye Dam. 1; H318 SCL 10 - < 20 % 2; H319 >= 20,0 % 1; H318 | >= 1 - < 2 |

For explanation of abbreviations see section 16.

TANEX PERFORMA Q&E 6 X 325 ML

WM 1213672

Order number: 0713672

Version 8.3

Revision Date 05.02.2021

Print Date 23.09.2021

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.
- 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 : 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 eye irritation persists, consult a specialist.
- 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 : 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.

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

TANEX PERFORMA Q&E 6 X 325 ML

WM 1213672

Order number: 0713672

Version 8.3

Revision Date 05.02.2021

Print Date 23.09.2021

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.
Ensure adequate ventilation.

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.

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.

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. 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

TANEX PERFORMA Q&E 6 X 325 ML

WM 1213672

Order number: 0713672

Version 8.3

Revision Date 05.02.2021

Print Date 23.09.2021

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

DNEL

1-phenoxypropan-2-ol
770-35-4:

: End Use: Workers
Exposure routes: Skin contact
Potential health effects: Long-term systemic effects
Value: 42 mg/kg bw/day

End Use: Workers
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 25,7 mg/m³

End Use: Consumers
Exposure routes: Skin contact
Potential health effects: Long-term systemic effects
Value: 21 mg/kg bw/day

End Use: Consumers
Exposure routes: Ingestion
Potential health effects: Long-term systemic effects
Value: 3,65 mg/kg bw/day

End Use: Consumers
Exposure routes: Inhalation
Potential health effects: Long-term exposure, Systemic effects
Value: 12,7 mg/m³

2,2'-methyliminodiethanol
105-59-9:

: End Use: Workers
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 26 mg/m³

End Use: Workers
Exposure routes: Dermal
Potential health effects: Long-term systemic effects
Value: 19 mg/kg

End Use: Consumers
Exposure routes: Dermal
Potential health effects: Long-term systemic effects
Value: 9,4 mg/kg

End Use: Consumers
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 6,5 mg/m³

End Use: Consumers

TANEX PERFORMA Q&E 6 X 325 ML

WM 1213672

Order number: 0713672

Version 8.3

Revision Date 05.02.2021

Print Date 23.09.2021

- Exposure routes: Oral
Potential health effects: Long-term systemic effects
Value: 1,9 mg/kg
- D-Glucopyranose, oligomers, decyl octyl glycosides 68515-73-1:** : End Use: Workers
Exposure routes: Skin contact
Potential health effects: Long-term systemic effects
Value: 595000 mg/kg
- 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
Value: 357000 mg/kg
- 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
Value: 35,7 mg/kg
- sodium octyl sulphate 142-31-4:** : End Use: Workers
Exposure routes: Skin contact
Potential health effects: Long-term systemic effects
Value: 4060 mg/kg
- End Use: Workers
Exposure routes: Inhalation
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
Value: 2440 mg/kg
- 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
Value: 24 mg/kg

PNEC

- 1-phenoxypropan-2-ol 770-35-4:** : Fresh water
Value: 0,1 mg/l

TANEX PERFORMA Q&E 6 X 325 ML

WM 1213672

Order number: 0713672

Version 8.3

Revision Date 05.02.2021

Print Date 23.09.2021

| | |
|---|--|
| | Marine water Value: 0,01 mg/l |
| | Fresh water sediment Value: 0,38 mg/kg |
| | Marine sediment Value: 0,038 mg/kg |
| | Soil Value: 0,02 mg/kg |
| | STP Value: 10 mg/l |
| | intermittent release Value: 1 mg/l |
| 2,2'-methyliminodiethanol 105-59-9: | : Fresh water Value: 1 mg/l |
| | Marine water Value: 0,0045 mg/l |
| | intermittent release Value: 1 mg/l |
| | Fresh water sediment Value: 0,78 mg/kg |
| | Marine sediment Value: 0,0351 mg/kg |
| | Soil Value: 0,097 mg/kg |
| | STP Value: 10 mg/l |
| 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 |
| | Fresh water sediment Value: 1,516 mg/kg |
| | Marine sediment Value: 0,152 mg/kg |

TANEX PERFORMA Q&E 6 X 325 ML

WM 1213672

Order number: 0713672

Version 8.3

Revision Date 05.02.2021

Print Date 23.09.2021

| | |
|--|--|
| | 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.
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; 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 1213672

Order number: 0713672

Version 8.3

Revision Date 05.02.2021

Print Date 23.09.2021

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|--|--|
| Appearance | : liquid |
| Colour | : blue |
| Odour | : characteristic |
| Odour Threshold | : No data available |
| pH | : ca. 9,7, at20 °C |
| 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. 1,040 g/cm ³ at 20 °C |
| 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

TANEX PERFORMA Q&E 6 X 325 ML

WM 1213672

Order number: 0713672

Version 8.3

Revision Date 05.02.2021

Print Date 23.09.2021

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 : 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

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.

Product

Skin corrosion/irritation : May cause skin irritation in susceptible persons.

Serious eye damage/eye irritation : Vapours may cause irritation to the eyes, respiratory system and the skin.
Causes serious eye irritation.

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.

TANEX PERFORMA Q&E 6 X 325 ML

WM 1213672

Order number: 0713672

Version 8.3

Revision Date 05.02.2021

Print Date 23.09.2021

- 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:

1-phenoxypropan-2-ol 770-35-4:

- Acute oral toxicity : LD50 Rat: > 2.000 mg/kg
- Acute inhalation toxicity : LC50 Rat: 5,4 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
- Acute dermal toxicity : LD50 Rabbit: > 2.000 mg/kg
- Serious eye damage/eye irritation : Result: Eye irritation

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

- Acute oral toxicity : LD50 Mouse: 7.000 mg/kg
LD50 Rat: 7.000 mg/kg
- Acute inhalation toxicity : LC50 Rat, male and female: 5,11 mg/l
Test atmosphere: dust/mist
Method: OECD Test Guideline 403
- Acute dermal toxicity : LD50 Rat, male and female: 2.000 mg/kg
Method: OECD Test Guideline 402
- Skin corrosion/irritation : Species: Rabbit
Result: No skin irritation
Method: OECD Test Guideline 404
- Serious eye damage/eye irritation : Species: Rabbit
Result: irritating
Method: OECD Test Guideline 405
- Respiratory or skin sensitisation : Test Method: Maximisation Test
Species: Guinea pig
Result: Does not cause skin sensitisation.
Method: OECD Test Guideline 406

Germ cell mutagenicity

TANEX PERFORMA Q&E 6 X 325 ML

WM 1213672

Order number: 0713672

Version 8.3

Revision Date 05.02.2021

Print Date 23.09.2021

- Genotoxicity in vitro : Type: Ames test
with and without metabolic activation
Result: negative
Method: OECD Test Guideline 471
- Genotoxicity in vivo : Type: In vivo micronucleus test
Test species: Mouse (male)Method: OECD Test Guideline 474

2,2'-methyliminodiethanol 105-59-9:

- Acute oral toxicity : LD50 Rat: 4.680 mg/kg
Method: OECD Test Guideline 401
- Acute dermal toxicity : LD50 Rabbit: > 2.000 mg/kg
Method: OECD Test Guideline 402
- Skin corrosion/irritation : Species: Rabbit
Result: No skin irritation
Method: OECD Test Guideline 404
- Serious eye damage/eye irritation : Species: Rabbit
Result: Irritating to eyes.
Method: OECD Test Guideline 405
- Respiratory or skin sensitisation : Species: Guinea pig
Result: Does not cause skin sensitisation.
Method: OECD Test Guideline 406

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
- 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

TANEX PERFORMA Q&E 6 X 325 ML

WM 1213672

Order number: 0713672

Version 8.3

Revision Date 05.02.2021

Print Date 23.09.2021

| | |
|--|---|
| Genotoxicity in vitro | : Type: Ames test Result: negative Method: OECD Test Guideline 471 |
| sodium octyl sulphate 142-31-4: | |
| Acute oral toxicity | : LD50 Oral Rat: > 2.000 mg/kg Method: OECD Test Guideline 423 |
| Acute dermal toxicity | : LD50 Dermal Rabbit: > 2.000 mg/kg Method: OECD Test Guideline 402 |
| Skin corrosion/irritation | : Result: Skin irritation |
| Serious eye damage/eye irritation | : Result: Causes serious eye damage. |
| Repeated dose toxicity | : No observed adverse effect level: Rat: 488 mg/kg Application Route: Oral Method: OECD Test Guideline 408 Lowest observed adverse effect level: Rat: 1016 mg/kg Application Route: Oral Method: OECD Test Guideline 408 No observed adverse effect level: Mouse: 400 mg/kg Application Route: Dermal Method: OECD Test Guideline 411 |

SECTION 12: Ecological information

12.1 Toxicity

Components:

1-phenoxypropan-2-ol **770-35-4:**

| | |
|---|---|
| Toxicity to fish | : LC50 (Leuciscus idus (Golden orfe)): > 220 - 460 mg/l Exposure time: 96 h LC50 (Pimephales promelas (fathead minnow)): 280 mg/l Exposure time: 96 h Method: OECD Test Guideline 203 |
| Toxicity to daphnia and other aquatic invertebrates | : LC50 (Daphnia magna (Water flea)): 370 mg/l Exposure time: 48 h Test Type: static test Method: OECD Test Guideline 202 |
| Toxicity to algae | : EC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l |

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

{ error: graphic file not found:
E:\usr\sap\SDB\J00\j2ee\cluster\ap
ps\JavaEE\ehswww\servlet_jsp\eh
swww\root\WEB-
INF\bin\graphics\TANA_CHEMIE_
4C.BMP }

TANEX PERFORMA Q&E 6 X 325 ML

WM 1213672

Order number: 0713672

Version 8.3

Revision Date 05.02.2021

Print Date 23.09.2021

Exposure time: 72 h
Test Type: static test

EC50 (Desmodesmus subspicatus (green algae)): 74,5 mg/l
Exposure time: 72 h

Toxicity to bacteria : EC50 (Bacteria): > 1.000 mg/l
Exposure time: 17 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
Test Type: flow-through test

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

EC50 (Daphnia similis (water flea)): > 96 mg/l
Exposure time: 48 h
Test Type: static test
Analytical monitoring: yes
Method: OECD Test Guideline 202

Toxicity to algae : ErC50 (Pseudokirchneriella subcapitata (green algae)): > 92 mg/l
Exposure time: 72 h
Test Type: static test
Method: OECD Test Guideline 201

NOEC (Pseudokirchneriella subcapitata (green algae)): 92 mg/l
Exposure time: 72 h
Test Type: static test
Method: OECD Test Guideline 201

Toxicity to bacteria : EC50 (activated sludge): > 1.000 mg/l
Exposure time: 3 h
Analytical monitoring: no
Method: OECD Test Guideline 209

Toxicity to soil dwelling
organisms : NOEC: 250 mg/kg
Exposure time: 56 d
Species: Eisenia fetida (earthworms)
Method: OECD Test Guideline 222

2,2'-methyliminodiethanol 105-59-9:

Toxicity to fish : (Leuciscus idus (Golden orfe)): 1.466 mg/l
Exposure time: 96 h
Test Type: static test

Toxicity to daphnia and other
aquatic invertebrates : (Daphnia magna (Water flea)): 233 mg/l
Exposure time: 48 h
Test Type: static test
Method: Directive 67/548/EEC, Annex V, C.2.

TANEX PERFORMA Q&E 6 X 325 ML

WM 1213672

Order number: 0713672

Version 8.3

Revision Date 05.02.2021

Print Date 23.09.2021

Toxicity to algae : NOEC (Desmodesmus subspicatus (green algae)): 6,25 mg/l
Exposure time: 72 h

EC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l
Exposure time: 72 h

Toxicity to bacteria : EC20 (activated sludge): > 1.000 mg/l
Exposure time: 0,5 h
Method: OECD Test Guideline 209

D-Glucopyranose, oligomers, decyl octyl glycosides 68515-73-1:

Toxicity to fish : LC50 (Brachydanio rerio (zebrafish)): 100,81 mg/l
Exposure time: 96 h

NOEC (Brachydanio rerio (zebrafish)): 1,8 mg/l

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l
Exposure time: 48 h

NOEC (Daphnia magna (Water flea)): 1,0 mg/l

Toxicity to algae : EC50 (Scenedesmus subspicatus): 27,22 mg/l
Exposure time: 72 h

sodium octyl sulphate 142-31-4:

Toxicity to fish : LC50 (Brachydanio rerio (zebrafish)): > 100 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202

Toxicity to algae : EC50 : > 100 mg/l

EC50 (Desmodesmus subspicatus (green algae)): > 511 mg/l
Exposure time: 72 h

Toxicity to bacteria : EC0 : > 100 mg/l

Toxicity to fish (Chronic toxicity) : Lowest Observed Effect Concentration: > 1,357 mg/l
Exposure time: 42 d
Species: Pimephales promelas (fathead minnow)

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 1,4 mg/l
Exposure time: 21 d
Species: Daphnia magna (Water flea)
Method: OECD Test Guideline 211

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

TANEX PERFORMA Q&E 6 X 325 ML

WM 1213672

Order number: 0713672

Version 8.3

Revision Date 05.02.2021

Print Date 23.09.2021

(EC) No. 648/2004 on detergents.

Components:

1-phenoxypropan-2-ol 770-35-4:

Biodegradability : Biodegradation: 72 %
Exposure time: 28 d
Method: OECD 301 F

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

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

Result: Not rapidly biodegradable
Biodegradation: 4 %
Exposure time: 28 d
Method: OECD 301 D

2,2'-methyliminodiethanol 105-59-9:

Biodegradability : Result: rapidly biodegradable
Biodegradation: 96 %
Exposure time: 18 d
Method: OECD 301 A

D-Glucopyranose, oligomers, decyl octyl glycosides 68515-73-1:

Biodegradability : Result: rapidly biodegradable
Biodegradation: 100 %
Exposure time: 28 d
Method: OECD 301 E

sodium octyl sulphate 142-31-4:

Biodegradability : Biodegradation: 98,2 %
Remarks: Expected to be biodegradable

12.3 Bioaccumulative potential

Components:

1-phenoxypropan-2-ol 770-35-4:

Bioaccumulation : Remarks: Due to the distribution coefficient n-octanol/water,
accumulation in organisms is not expected.

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

TANEX PERFORMA Q&E 6 X 325 ML

WM 1213672

Order number: 0713672

Version 8.3

Revision Date 05.02.2021

Print Date 23.09.2021

12.5 Results of PBT and vPvB assessment

Not relevant

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 : Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
In accordance with local and national regulations.
- Contaminated packaging : Only give completely emptied packaging to special waste disposer.
Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

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

14.5 Environmental hazards

ADR

Not dangerous goods

IMDG

TANEX PERFORMA Q&E 6 X 325 ML

WM 1213672

Order number: 0713672

Version 8.3

Revision Date 05.02.2021

Print Date 23.09.2021

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) : 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 vapour or gaseous form: : portionClass 3: 0,01 %
: Organic Substances: : portionClass 1: 0,15 %
: 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: 0,01 %
0,97 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: 0,01 %
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, Non-ionic surfactants, Perfumes

GISBAU (D) : GU 83

TANEX PERFORMA Q&E 6 X 325 ML

WM 1213672

Order number: 0713672

Version 8.3

Revision Date 05.02.2021

Print Date 23.09.2021

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

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

Classification procedure: H319 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 - 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

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.

SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006

{ error: graphic file not found:
E:\usr\sap\SDB\J00\j2ee\cluster\ap
ps\JavaEE\ehswww\servlet_jsp\eh
swww\root\WEB-
INF\bin\graphics\TANA_CHEMIE_
4C.BMP }

TANEX PERFORMA Q&E 6 X 325 ML

WM 1213672

Order number: 0713672

Version 8.3

Revision Date 05.02.2021

Print Date 23.09.2021

50000004320