

SAFETY DATA SHEET

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



Werner & Mertz
Professional

TANEX AZ 70 C

WM 0713071

Order number: 0713071

Version 9.0

Revision Date 22.01.2026

Print Date 11.03.2026

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

1.1 Product identifier

Trade name : TANEX AZ 70 C
UFI : 1K2A-50SW-100T-JC3Q

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 : +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)

Eye irritation, Category 2 H319: Causes serious eye irritation.
Skin irritation, Category 2 H315: Causes skin irritation.
Long-term (chronic) aquatic hazard, Category 3 H412: Harmful to aquatic life with long lasting effects.

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.
H412 Harmful to aquatic life with long lasting effects.

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| | | |
|--------------------------|--------------------|--|
| Precautionary Statements | : P102 | Keep out of reach of children. |
| | Prevention: | |
| | P264 | Wash skin thoroughly after handling. |
| | P280 | Wear protective gloves/ eye protection/ face protection. |
| | 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 container into the collection of recyclables only when it is completely empty. |

Safety data sheet available on request.

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

Chemical nature : Aqueous surfactant solution.

Components

| Chemical name | CAS-No. EC-No. Index-No. Registration number | Classification | Concentration (% w/w) |
|---|---|--|--------------------------|
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | 68439-57-6 270-407-8931-534-0 01-2119513401-57 | Skin Irrit. 2; H315 Eye Dam. 1; H318 specific concentration limit Skin Irrit. 2; H315 >= 5 % Eye Irrit. 2; H319 > 5 - 38 % Eye Dam. 1; H318 > 38 % | >= 5 - < 10 |
| propan-2-ol | 67-63-0 200-661-7 | Flam. Liq. 2; H225 Eye Irrit. 2; H319 | >= 5 - < 10 |

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| | | | |
|--|---|---|------------|
| | 603-117-00-0 01-2119457558-25 | STOT SE 3; H336 (Central nervous system) | |
| Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl) | 90622-74-5 292-477-9 01-2119489409-22 | Eye Dam. 1; H318 Skin Irrit. 2; H315 Aquatic Chronic 2; H411 | >= 3 - < 5 |

SECTION 4: First aid measures

4.1 Description of first-aid measures

- General advice : Move out of dangerous area.
Consult a physician.
Show this material 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.
Causes skin irritation.
Causes serious eye damage.

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.

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5.2 Special hazards arising from the substance or mixture

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

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 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.

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 : Do not flush into surface water or sanitary sewer system.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Neutralize with acid.
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 contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion : Vapors may form explosive mixtures with air.

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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.

Further information on storage stability : 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.

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

| Substance name | End Use | Routes of exposure | Potential health effects | Value |
|---|-----------|--------------------|--------------------------------------|---------------|
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | Workers | Skin contact | Long-term exposure, Systemic effects | 2158,33 mg/kg |
| | Workers | Inhalation | Long-term exposure, Systemic effects | 152,22 mg/m3 |
| | Consumers | Skin contact | Long-term exposure, Systemic effects | 1295 mg/kg |
| | Consumers | Inhalation | Long-term exposure, Systemic effects | 45,04 mg/m3 |
| | Consumers | Ingestion | Long-term exposure, Systemic effects | 12,95 mg/kg |
| propan-2-ol | Workers | Skin contact | Long-term systemic effects | 888 mg/kg |
| | Workers | Inhalation | Long-term systemic effects | 500 mg/m3 |
| | Consumers | Skin contact | Long-term systemic effects | 319 mg/kg |
| | Consumers | Ingestion | Long-term systemic | 26 mg/kg |

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| | | | effects | |
|---|-----------|--------------|----------------------------|--------------|
| | Consumers | Inhalation | Long-term systemic effects | 89 mg/m3 |
| Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl) | Workers | Skin contact | Long-term systemic effects | 4,16 mg/kg |
| | Workers | Inhalation | Long-term systemic effects | 73,4 mg/m3 |
| | Workers | Skin contact | Long-term local effects | 0,09 mg/cm2 |
| | Consumers | Skin contact | Long-term systemic effects | 2,5 mg/kg |
| | Consumers | Inhalation | Long-term systemic effects | 21,73 mg/m3 |
| | Consumers | Ingestion | Long-term systemic effects | 6,25 mg/kg |
| | Consumers | Skin contact | Long-term local effects | 0,056 mg/cm2 |

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

| Substance name | Environmental Compartment | Value |
|---|---------------------------|-------------|
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts | Fresh water | 0,042 mg/l |
| | Sea water | 0,0042 mg/l |
| | Fresh water sediment | 2,025 mg/l |
| | Sea sediment | 0,2025 mg/l |
| | Soil | 0,0061 mg/l |
| | STP | 4 mg/l |
| propan-2-ol | Fresh water | 140,9 mg/l |
| | Sea water | 140,9 mg/l |
| | Fresh water sediment | 552 mg/kg |
| | Sea sediment | 552 mg/kg |
| | Soil | 28 mg/kg |
| | intermittent release | 140,9 mg/l |

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| | | |
|--|----------------------|--------------|
| | STP | 2251 mg/l |
| | Oral | 160 mg/kg |
| Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl) | Fresh water | 0,007 mg/l |
| | Sea water | 0,0007 mg/l |
| | Fresh water sediment | 0,161 mg/kg |
| | Soil | 0,28 mg/kg |
| | STP | 830 mg/l |
| | intermittent release | 0,024 mg/l |
| | Sea sediment | 0,0161 mg/kg |

8.2 Exposure controls

Personal protective equipment

Eye/face 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.

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.

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Recommended Filter type:

ABEK-P3-filter

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|--|---|
| Physical state | : liquid |
| Color | : blue green |
| Odor | : characteristic |
| Melting point/freezing point | : No data available |
| Boiling point/boiling range | : No information available. |
| Flammability (solid, gas) | : No data available |
| Flammability (liquids) | : Not classified as supporting combustion according to the transport regulations. |
| Lower explosion limit | : Lower explosion limit at 42,5 °C Method: ISO 2719 |
| Upper explosion limit | : No data available |
| Flash point | : 43 °C |
| Ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| pH | : ca. 10,4, 100 % |
| Viscosity, dynamic | : No data available |
| Viscosity, kinematic | : No data available |
| Water solubility | : soluble |
| Solubility in other solvents | : No data available |
| Partition coefficient: n-octanol/water | : No data available |
| Vapor pressure | : No data available |
| Density | : ca. 1,046 g/cm ³ at 20 °C |
| Relative density | : No data available |
| Relative vapor density | : No data available |
| Particle characteristics | : No data available |

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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 : 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

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

Not classified due to lack of data.
Acute toxicity : Not Rated

Components:

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

68439-57-6:

| | | |
|---------------------------|---|--|
| Acute oral toxicity | : | LD50 Oral (Rat): > 2.000 mg/kg Method: OECD Test Guideline 401 |
| Acute inhalation toxicity | : | LC50 (Rat): 52 mg/l Exposure time: 4 h Method: OECD Test Guideline 403 |
| Acute dermal toxicity | : | LD50 Dermal (Rabbit): 6.300 mg/kg Method: OECD Test Guideline 402 |

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propan-2-ol

67-63-0:

| | | |
|---------------------------|---|--|
| Acute oral toxicity | : | LD50 Oral (Rat): 5.840 mg/kg Method: OECD Test Guideline 401 |
| | | LD50 Oral (Rat): 4.570 mg/kg |
| | | LD50 Oral (Rat): 5.045 mg/kg |
| Acute inhalation toxicity | : | LC50 (Rat, female): 47,5 mg/l Exposure time: 8 h Method: OECD Test Guideline 403 |
| | | LC50 (Rat): 72,6 mg/l Exposure time: 4 h |
| | | LC50 (Mouse): 27,2 mg/l Exposure time: 4 h |
| | | LC50 (Rat): 25 mg/l Exposure time: 6 h Method: OECD Test Guideline 403 |
| | | LC50 (Rat): 30 mg/l Exposure time: 4 h |
| | | LC50 (Rat): 10000 ppm Exposure time: 6 h |
| Acute dermal toxicity | : | LD50 (Rabbit): 12.800 mg/kg Method: OECD Test Guideline 402 |
| | | LD50 Dermal (Rabbit): 12.870 mg/kg Method: OECD Test Guideline 402 |
| | | LD50 Dermal (Rabbit): 13.900 mg/kg Method: OECD Test Guideline 402 |
| | | LD50 Dermal (Rabbit): 13.400 mg/kg |

Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl)

90622-74-5:

| | | |
|-----------------------|---|-------------------------------------|
| Acute oral toxicity | : | LD50 Oral (Rat): > 5.000 mg/kg |
| Acute dermal toxicity | : | LD50 Dermal (Rabbit): > 2.000 mg/kg |

Skin corrosion/irritation

Causes skin irritation.

Product:

Remarks : May cause skin irritation and/or dermatitis.

Components:

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

68439-57-6:

Species : Rabbit

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Method : OECD Test Guideline 404
Result : Irritating to skin.

propan-2-ol

67-63-0:

Species : Rabbit
Result : No skin irritation

Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl)

90622-74-5:

Result : Skin irritation

Serious eye damage/eye irritation

Causes serious eye damage.

Product:

Remarks : May cause irreversible eye damage.
Causes serious eye irritation.

Components:

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

68439-57-6:

Species : Rabbit
Method : OECD Test Guideline 405
Result : Risk of serious damage to eyes.

propan-2-ol

67-63-0:

Species : Rabbit
Result : irritating

Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl)

90622-74-5:

Species : Rabbit
Result : Irreversible effects on the eye

Respiratory or skin sensitization

Skin sensitization

Not classified due to lack of data.

Respiratory sensitization

Not classified due to lack of data.

Product:

Remarks : No data available

Components:

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

68439-57-6:

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Species : Guinea pig
Method : OECD Test Guideline 406
Result : Did not cause sensitization on laboratory animals.

propan-2-ol

67-63-0:

Test Type : Buehler Test
Species : Guinea pig
Result : Does not cause skin sensitization.

Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl)

90622-74-5:

Result : Not a skin sensitizer.

Germ cell mutagenicity

Not classified due to lack of data.

Germ cell mutagenicity : Not Rated

Components:

propan-2-ol

67-63-0:

Genotoxicity in vitro : Test Type: Ames test
Test system: Salmonella typhimurium
Metabolic activation: with and without metabolic activation
Result: negative

Carcinogenicity

Not classified due to lack of data.

Carcinogenicity : Not Rated

Reproductive toxicity

Not classified due to lack of data.

Reproductive toxicity : Not Rated

STOT-single exposure

Not classified due to lack of data.

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

STOT-repeated exposure

Not classified due to lack of data.

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

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Repeated dose toxicity

Components:

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

68439-57-6:

| | | |
|-------------------|---|-----------|
| Species | : | Rat |
| NOAEL | : | 259 mg/kg |
| Application Route | : | Dermal |
| Exposure time | : | 2 Years |

Aspiration toxicity

Not classified due to lack of data.

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

SECTION 12: Ecological information

12.1 Toxicity

Components:

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

68439-57-6:

| | | |
|---|---|--|
| Toxicity to fish | : | LC50 (Danio rerio (zebra fish)): 4,2 mg/l Exposure time: 96 h Method: OECD Test Guideline 203 |
| Toxicity to daphnia and other aquatic invertebrates | : | (Daphnia magna (Water flea)): 4,53 mg/l Exposure time: 48 h Method: OECD Test Guideline 202 |
| Toxicity to algae/aquatic plants | : | (Skeletonema costatum (marine diatom)): 5,2 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 |
| Toxicity to microorganisms | : | EC50 (Bacteria): 230 mg/l Method: OECD Test Guideline 209 |
| Sediment toxicity | : | 2025 mg/l Duration: 10 d |

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propan-2-ol

67-63-0:

| | | |
|---|---|---|
| Toxicity to fish | : | LC50 (Lepomis macrochirus (Bluegill sunfish)): 1.400 mg/l Exposure time: 96 h |
| | | LC50 (Pimephales promelas (fathead minnow)): 9.640 mg/l Exposure time: 96 h |
| | | LC50 (Leuciscus idus (Golden orfe)): > 100 mg/l Exposure time: 48 h Test Type: static test GLP: no |
| Toxicity to daphnia and other aquatic invertebrates | : | EC50 (Daphnia magna (Water flea)): 13.299 mg/l Exposure time: 48 h Test Type: Immobilization Method: OECD Test Guideline 202 |
| | | EC50 (Daphnia magna (Water flea)): 9.714 mg/l Exposure time: 24 h |
| | | EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h Test Type: static test GLP: no |
| | | (Daphnia): > 10.000 mg/l Method: OECD Test Guideline 202 |
| | | NOEC (Daphnia magna (Water flea)): 30 mg/l Exposure time: 21 d |
| | | EC50 (Daphnia magna (Water flea)): 10.000 mg/l Exposure time: 48 h |
| Toxicity to algae/aquatic plants | : | IC50 (Desmodesmus subspicatus (green algae)): > 1.000 mg/l Exposure time: 72 h Test Type: Growth inhibition |
| | | EC50 (Pseudokirchneriella subcapitata (microalgae)): > 100 mg/l Exposure time: 72 h Test Type: static test GLP: no |
| | | ErC50 (Pseudokirchneriella subcapitata (green algae)): > 1.000 mg/l Exposure time: 72 h |
| | | EC50 (Scenedesmus subspicatus): > 100 mg/l Exposure time: 72 h Test Type: static test |
| Toxicity to microorganisms | : | EC50 (Aliivibrio fischeri): 17.700 mg/l Exposure time: 5 min |
| | | EC10 (Pseudomonas putida): 5.175 mg/l Exposure time: 18 h Method: DIN 38412 |

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Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl)

90622-74-5:

| | | |
|--|---|---|
| Toxicity to fish | : | LC50 (Brachydanio rerio): > 1 - 10 mg/l Method: ISO 7346/2 |
| Toxicity to microorganisms | : | EC0 (Pseudomonas putida): > 100 mg/l Method: OECD Test Guideline 209 |
| Toxicity to fish (Chronic toxicity) | : | NOEC: > 0,1 - 1 mg/l Exposure time: 28 d Species: Oncorhynchus mykiss (rainbow trout) |
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | : | NOEC: > 0,01 - 0,1 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea) |

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:

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

68439-57-6:

| | | |
|--------------------------------|---|--|
| Biodegradability | : | Result: rapidly biodegradable Biodegradation: > 80 % Method: OECD 301 B Remarks: According to the results of tests of biodegradability this product is considered as being readily biodegradable. |
| Chemical Oxygen Demand (COD) | : | 790 mg/g |
| Dissolved organic carbon (DOC) | : | 190 mg/g |

propan-2-ol

67-63-0:

| | | |
|------------------------|---|--|
| Biodegradability | : | Result: rapidly biodegradable Biodegradation: 95 % Exposure time: 21 d Method: OECD 301 E Inoculum: activated sludge Result: rapidly biodegradable Biodegradation: 53 % Exposure time: 5 d Result: rapidly biodegradable Biodegradation: > 70 % Exposure time: 10 d GLP: no Biodegradation: 99,9 % Method: see user defined free text |
| Chemical Oxygen Demand | : | 2,32 g/kg |

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(COD)

ThOD : 2,40 g/g

Amides, C12-18 and C18-unsatd., N,N-bis(hydroxyethyl)

90622-74-5:

Biodegradability : Result: Readily biodegradable.

12.3 Bioaccumulative potential

Components:

propan-2-ol

67-63-0:

Bioaccumulation : Bioconcentration factor (BCF): 3

Remarks: No bioaccumulation is to be expected (log Pow <= 4).

Partition coefficient: n-octanol/water : log Pow: 0,05

12.4 Mobility in soil

Components:

propan-2-ol

67-63-0:

Distribution among environmental compartments : Koc: 25
Remarks: Highly mobile in soils

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.

Components:

propan-2-ol

67-63-0:

Assessment : Not very persistent and very bioaccumulative (vPvB).. Not persistent, bioaccumulative, and toxic (PBT).

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 : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Harmful to aquatic organisms, may cause long-term adverse effects

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in the aquatic environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

| | |
|------------------------|---|
| Product | : The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. In accordance with local and national regulations. |
| Contaminated packaging | : Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. |
| Waste Code | European Waste Catalog 20 01 29* 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

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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.

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

: Directive 96/82/EC does not apply

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: : portionClass 3: < 0,01 %
: Organic Substances: : portionClass 1: 0,02 %
: 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: 5,1 %

according to Detergents Regulation EC 648/2004 : 5 - <15% anionic surfactants, <5% non-ionic surfactants, perfumes, LIMONENE, BENZYL ALCOHOL

15.2 Chemical Safety Assessment

There is no data available for this product.

SECTION 16: Other information

Full text of H-Statements

H225 : Highly flammable liquid and vapor.
H315 : Causes skin irritation.
H318 : Causes serious eye damage.

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



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H319 : Causes serious eye irritation.
H336 : May cause drowsiness or dizziness.
H411 : Toxic to aquatic life with long lasting effects.

Full text of other abbreviations

Aquatic Chronic : Long-term (chronic) aquatic hazard
Eye Dam. : Serious eye damage
Eye Irrit. : Eye irritation
Flam. Liq. : Flammable liquids
Skin Irrit. : Skin irritation
STOT SE : Specific target organ toxicity - single exposure

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:

Eye Irrit. 2 : H319
Skin Irrit. 2 : H315
Aquatic Chronic 3 : H412

Classification procedure:

On basis of test data.
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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