



A Solenis Company

Safety Data Sheet

TASKI CREW SHOWER TUB & TILE CLEANER J-FILL

Revision: 2024-02-23

Version: 01.2

SECTION 1: Identification of the substance/mixture and supplier

1.1 Product identifier

Product name: TASKI CREW SHOWER TUB & TILE CLEANER J-FILL

1.2 Recommended use and restrictions on use

Identified uses:

Hard surface cleaner

Restrictions of use:

Uses other than those identified are not recommended

1.3 Details of the supplier

Diversey Australia Pty. Limited

Unit 8, 55 Newton Road, Wetherill Park, NSW, 2164

1-7 Bell Grove, Braeside, VIC 3195

Telephone: 1800 647 779 (toll free)

Email: aucustserv@diverse.com

Website: diverse.com.au

1.4 Emergency telephone number

Seek medical advice (show the label or safety data sheet where possible)

Call 1800 033 111 (24hrs)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Skin corrosion, Category 1B

Serious eye damage, Category 1

2.2 Label elements



Signal word: Danger

Hazard statements:

H314 - Causes severe skin burns and eye damage.

Prevention statement(s):

P233 - Keep container tightly closed.

P260 - Do not breathe vapours.

P264 - Wash face, hands and any exposed skin thoroughly after handling.

P280 - Wear protective gloves, protective clothing and eye or face protection.

Response statement(s):

P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

P310 - Immediately call a POISON CENTRE, doctor or physician.

P321 - Specific treatment (see supplemental first aid instructions on this label).

P363 - Wash contaminated clothing before reuse.

Storage statement(s):

P405 - Store locked up.

TASKI CREW SHOWER TUB & TILE CLEANER J-FILL

Disposal statement(s):

P501 - Dispose of unused content as chemical waste.

2.3 Other hazards

No other hazards known.

2.4 Classification diluted product:

Recommended maximum concentration (% w/w): 2.44

Not classified as hazardous

SECTION 3: Composition/information on ingredients**3.1 Substances / Mixtures**

[4] Polymer.

Non-hazardous ingredients are the remainder and add up to 100%.

Workplace exposure limit(s), if available, are listed in subsection 8.1.

SECTION 4: First aid measures**4.1 Description of first aid measures****General Information:**

If unconscious place in recovery position and seek medical advice. Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. No mouth-to-mouth or mouth-to-nose resuscitation. Use Ambu bag or ventilator.

Inhalation:

Remove person to fresh air and keep comfortable for breathing. Get medical attention or advice if you feel unwell.

Skin contact:

Take off immediately all contaminated clothing and wash it before reuse. Immediately call a POISON CENTRE, doctor or physician.

Eye contact:

Hold eyelids apart and flush eyes with plenty of lukewarm water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE, doctor or physician.

Ingestion:

Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Keep at rest. Immediately call a POISON CENTRE, doctor or physician.

Self-protection of first aider:

Consider personal protective equipment as indicated in subsection 8.2.

First aid facilities:

Shower and eyewash facilities should be considered in a workplace where necessary.

4.2 Most important symptoms and effects, both acute and delayed**Inhalation:**

No known effects or symptoms in normal use.

Skin contact:

Causes severe burns.

Eye contact:

Causes severe or permanent damage.

Ingestion:

Ingestion will lead to a strong caustic effect on mouth and throat and to the danger of perforation of oesophagus and stomach.

4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

Poison Information Center:

Call 13 11 26 (Australia Wide).

SECTION 5: Firefighting measures**5.1 Extinguishing media**

Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

5.2 Special hazards arising from the substance or mixture

No special hazards known.

5.3 Advice for firefighters

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

5.4 Hazchem code

2X

2 - Fine water spray.

X - Liquid-tight chemical protective clothing and breathing apparatus. Contain.

TASKI CREW SHOWER TUB & TILE CLEANER J-FILL

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation. Do not breathe dust or vapour. Wear suitable protective clothing, gloves and eye/face protection.

6.2 Environmental precautions

Do not allow to enter drainage system, surface or ground water. Dilute with plenty of water.

6.3 Methods and material for containment and cleaning up

Use neutralising agent. Absorb with liquid-binding material (sand, diatomite, universal binders). Ensure adequate ventilation.

6.4 Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

SECTION 7: Handling and storage**7.1 Precautions for safe handling****Measures to prevent fire and explosions:**

No special precautions required.

Measures required to protect the environment:

For environmental exposure controls see subsection 8.2.

Advices on general occupational hygiene:

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not mix with other products unless advised by Diversey. Wash face, hands and any exposed skin thoroughly after handling. Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Avoid contact with skin and eyes. Do not breathe vapours. Use only with adequate ventilation. See chapter 8.2, Exposure controls / Personal protection.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local and national regulations. Store in a closed container. Keep only in original packaging.

For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

7.3 Specific end use(s)

No specific advice for end use available.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Workplace exposure limits**

Air limit values, if available:

Biological limit values, if available:

8.2 Exposure controls

The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet.

If available, please refer to the product information sheet for application and handling instructions.

Normal use conditions are assumed for this section.

Recommended safety measures for handling the undiluted product:

Covering activities such as filling and transfer of product to application equipment, flasks or buckets

Appropriate engineering controls:

If the product is diluted by using specific dosing systems with no risk of splashes or direct skin contact, the personal protection equipment as described in this section is not required.

Appropriate organisational controls:

Avoid direct contact and/or splashes where possible. Train personnel.

Personal protective equipment**Eye / face protection:**

Safety glasses or goggles (AS/NZS 1337.1). The use of a full-face shield or other full-face protection is strongly recommended when handling open containers or if splashes may occur.

Chemical-resistant protective gloves (AS/NZS 2161.10). Verify instructions regarding permeability and breakthrough time, as provided by the gloves supplier. Consider specific local use conditions, such as risk of splashes, cuts, contact time and temperature.

Suggested gloves for prolonged contact: Material: butyl rubber Penetration time: ≥ 480 min Material thickness: ≥ 0.7 mm

Suggested gloves for protection against splashes: Material: nitrile rubber Penetration time: ≥ 30 min Material thickness: ≥ 0.4 mm

In consultation with the supplier of protective gloves a different type providing similar protection may be chosen.

Body protection:

Wear chemical-resistant clothing and boots in case direct dermal exposure and/or splashes may occur (EN 14605).

TASKI CREW SHOWER TUB & TILE CLEANER J-FILL

Respiratory protection: Respiratory protection is not normally required. However, inhalation of vapour, spray, gas or aerosols should be avoided.

Environmental exposure controls: No special requirements under normal use conditions.

Recommended safety measures for handling the diluted product:

Recommended maximum concentration (% w/w): 2.44

Appropriate engineering controls: No special requirements under normal use conditions.

Appropriate organisational controls: No special requirements under normal use conditions.

Personal protective equipment

Eye / face protection: No special requirements under normal use conditions.

Hand protection: No special requirements under normal use conditions.

Body protection: No special requirements under normal use conditions.

Respiratory protection: No special requirements under normal use conditions.

Environmental exposure controls: No special requirements under normal use conditions.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: Liquid

Colour: Clear , Dark , Red

Odour: Fresh

Odour threshold: Not applicable

pH: \approx 1.6 (neat)

Dilution pH: < 3

Melting point/freezing point (°C): Not determined

Initial boiling point and boiling range (°C):

Method / remark

Not relevant to classification of this product

Flammability (liquid): Not flammable.

Flash point (°C): Not applicable.

Sustained combustion: The product does not sustain combustion
(UN Manual of Tests and Criteria, section 32, L.2)

Evaporation rate: Not determined

Flammability (solid, gas): Not determined

Lower and upper explosion limit/flammability limit (%): Not determined

Vapour pressure: Not determined

Relative density: \approx 1.13 (20 °C)

Relative vapour density: Not determined.

Particle characteristics: No data available.

Solubility in / Miscibility with water: Fully miscible

Partition coefficient: n-octanol/water No information available.

OECD 109 (EU A.3)

Not relevant to classification of this product

Not applicable to liquids.

Substance data, partition coefficient n-octanol/water (log Kow): see subsection 12.3

Autoignition temperature: Not determined

Decomposition temperature: Not applicable.

Kinematic viscosity: Not determined

Explosive properties: Not explosive.

Oxidising properties: Not oxidising.

9.2 Other information

Surface tension (N/m): Not determined

Corrosion to metals: Not corrosive

SECTION 10: Stability and reactivity

10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

10.2 Chemical stability

Stable under normal storage and use conditions.

10.3 Possibility of hazardous reactions

TASKI CREW SHOWER TUB & TILE CLEANER J-FILL

No hazardous reactions known under normal storage and use conditions.

10.4 Conditions to avoid

None known under normal storage and use conditions.

10.5 Incompatible materials

Reacts with alkali. Keep away from products containing chlorine-based bleaching agents or sulphites.

10.6 Hazardous decomposition products

None known under normal storage and use conditions.

SECTION 11: Toxicological information**11.1 Information on toxicological effects**

Mixture data: .

Relevant calculated ATE(s):

ATE - Oral (mg/kg): >2000

ATE - Inhalatory, vapours (mg/l): 88

Result: Skin corrosive 1C

Method: Weight of Evidence

Substance data, where relevant and available, are listed below:.

Acute toxicity

Acute oral toxicity

| Ingredient(s) | Endpoint | Value (mg/kg) | Species | Method | Exposure time (h) |
|-------------------------------------------------|------------------|---------------|---------|--------------------|-------------------|
| Citric acid | LD ₅₀ | 5400-11700 | Rat | Method not given | |
| glycolic acid | LD ₅₀ | 2040 | Rat | EPA OPP 81-1 | |
| alkyl alcohol ethoxylate | LD ₅₀ | 1400 | Rat | Weight of evidence | |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | LD ₅₀ | 3130 | Rat | OECD 401 (EU B.1) | 24 |

Acute dermal toxicity

| Ingredient(s) | Endpoint | Value (mg/kg) | Species | Method | Exposure time (h) |
|-------------------------------------------------|------------------|-------------------|---------|--------------------|-------------------|
| Citric acid | LD ₅₀ | > 2000 | Rat | Method not given | |
| glycolic acid | | No data available | | | |
| alkyl alcohol ethoxylate | LD ₅₀ | 2000 - 5000 | Rat | Weight of evidence | |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | LD ₅₀ | > 5000 | Rabbit | OECD 402 (EU B.3) | 24 |

Acute inhalative toxicity

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time (h) |
|-------------------------------------------------|------------------|----------------------|---------|-------------------|-------------------|
| Citric acid | | No data available | | | |
| glycolic acid | LC ₅₀ | 3.6 (mist) (dust) | Rat | OECD 403 (EU B.2) | 4 |
| alkyl alcohol ethoxylate | | No data available | | | |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | | No data available | | | |

Irritation and corrosivity

Skin irritation and corrosivity

| Ingredient(s) | Result | Species | Method | Exposure time |
|-------------------------------------------------|--------------|---------|------------------------|---------------|
| Citric acid | Not irritant | Rabbit | OECD 404 (EU B.4) | |
| glycolic acid | Corrosive | Rabbit | OECD 404 (EU B.4) | |
| alkyl alcohol ethoxylate | Not irritant | | Weight of evidence | |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | Irritant | Rabbit | OECD 431 (EU B.40 bis) | 3 minute(s) |

Eye irritation and corrosivity

| Ingredient(s) | Result | Species | Method | Exposure time |
|---------------|---------------|---------|-------------------|---------------|
| Citric acid | Severe damage | Rabbit | OECD 405 (EU B.5) | |

TASKI CREW SHOWER TUB & TILE CLEANER J-FILL

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|-------------------------------------------------|---------------|--------|--------------------------------|------------|
| | Irritant | | | |
| glycolic acid | Severe damage | Rabbit | OECD 405 (EU B.5) | |
| alkyl alcohol ethoxylate | Severe damage | Rabbit | Weight of evidence OECD 437 | |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | Severe damage | Rabbit | OECD 405 (EU B.5) | 24 hour(s) |

Respiratory tract irritation and corrosivity

| Ingredient(s) | Result | Species | Method | Exposure time |
|-------------------------------------------------|-------------------|---------|--------|---------------|
| Citric acid | No data available | | | |
| glycolic acid | No data available | | | |
| alkyl alcohol ethoxylate | No data available | | | |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | No data available | | | |

Sensitisation

Sensitisation by skin contact

| Ingredient(s) | Result | Species | Method | Exposure time (h) |
|-------------------------------------------------|-----------------|------------|-----------------------------|-------------------|
| Citric acid | Not sensitising | Guinea pig | Method not given | |
| glycolic acid | Not sensitising | Guinea pig | OECD 406 (EU B.6) / GPMT | |
| alkyl alcohol ethoxylate | Not sensitising | | Weight of evidence | |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | Not sensitising | Guinea pig | Method not given | |

Sensitisation by inhalation

| Ingredient(s) | Result | Species | Method | Exposure time |
|-------------------------------------------------|-------------------|---------|--------|---------------|
| Citric acid | No data available | | | |
| glycolic acid | No data available | | | |
| alkyl alcohol ethoxylate | No data available | | | |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | No data available | | | |

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Mutagenicity

| Ingredient(s) | Result (in-vitro) | Method (in-vitro) | Result (in-vivo) | Method (in-vivo) |
|-------------------------------------------------|-----------------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------|--------------------|
| Citric acid | No data available | | No evidence of genotoxicity, negative test results | Method not given |
| glycolic acid | No evidence of genotoxicity, negative test results | OECD 471 (EU B.12/13) OECD 473 OECD 476 | No evidence for mutagenicity No evidence of genotoxicity, negative test results | OECD 474 (EU B.12) |
| alkyl alcohol ethoxylate | No evidence for mutagenicity, negative test results | OECD 473 | No data available | |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | No data available | | No data available | |

Carcinogenicity

| Ingredient(s) | Effect |
|-------------------------------------------------|--------------------------------------------------------|
| Citric acid | No evidence for carcinogenicity, negative test results |
| glycolic acid | No evidence for carcinogenicity, weight-of-evidence |
| alkyl alcohol ethoxylate | No evidence for carcinogenicity, negative test results |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | No data available |

Toxicity for reproduction

| Ingredient(s) | Endpoint | Specific effect | Value (mg/kg bw/d) | Species | Method | Exposure time | Remarks and other effects reported |
|-------------------------------------------------|----------|-----------------|--------------------|---------|-----------|---------------|---------------------------------------------------|
| Citric acid | | | No data available | | | | No evidence for reproductive toxicity |
| glycolic acid | | | No data available | | | | No evidence for reproductive toxicity |
| alkyl alcohol ethoxylate | NOAEL | | > 250 | Rat | Not known | | No effects on fertility No developmental toxicity |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | | | No data available | | | | |

Repeated dose toxicity

Sub-acute or sub-chronic oral toxicity

| Ingredient(s) | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time (days) | Specific effects and organs affected |
|--------------------------|----------------|--------------------|---------|--------------------|----------------------|--------------------------------------|
| Citric acid | | No data available | | | | |
| glycolic acid | NOAEL LOAEL | 150 300 | Rat | OECD 408 (EU B.26) | 90 | No adverse effects observed |
| alkyl alcohol ethoxylate | NOAEL | 80 - 400 | | OECD 408 (EU | | |

TASKI CREW SHOWER TUB & TILE CLEANER J-FILL

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|-------------------------------------------------|--|-------------------|--|-------|--|--|
| | | | | B.26) | | |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | | No data available | | | | |

Sub-chronic dermal toxicity

| Ingredient(s) | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time (days) | Specific effects and organs affected |
|-------------------------------------------------|----------|--------------------|---------|--------------------|----------------------|--------------------------------------|
| Citric acid | | No data available | | | | |
| glycolic acid | | No data available | | | | |
| alkyl alcohol ethoxylate | NOAEL | 80 | | OECD 411 (EU B.28) | 90 | |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | | No data available | | | | |

Sub-chronic inhalation toxicity

| Ingredient(s) | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time (days) | Specific effects and organs affected |
|-------------------------------------------------|----------|--------------------|---------|--------|----------------------|--------------------------------------|
| Citric acid | | No data available | | | | |
| glycolic acid | | No data available | | | | |
| alkyl alcohol ethoxylate | | No data available | | | | |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | | No data available | | | | |

Chronic toxicity

| Ingredient(s) | Exposure route | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time | Specific effects and organs affected | Remark |
|-------------------------------------------------|----------------|----------|--------------------|---------|--------|---------------|--------------------------------------|--------|
| Citric acid | | | No data available | | | | | |
| glycolic acid | | | No data available | | | | | |
| alkyl alcohol ethoxylate | | | No data available | | | | | |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | | | No data available | | | | | |

STOT-single exposure

| Ingredient(s) | Affected organ(s) |
|-------------------------------------------------|-------------------|
| Citric acid | No data available |
| glycolic acid | No data available |
| alkyl alcohol ethoxylate | No data available |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | No data available |

STOT-repeated exposure

| Ingredient(s) | Affected organ(s) |
|-------------------------------------------------|-------------------|
| Citric acid | No data available |
| glycolic acid | No data available |
| alkyl alcohol ethoxylate | No data available |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | No data available |

Aspiration hazard

Substances with an aspiration hazard (H304), if any, are listed in section 3. If relevant, see section 9 for dynamic viscosity and relative density of the product.

Potential adverse health effects and symptoms

Effects and symptoms related to the product, if any, are listed in subsection 4.2.

SECTION 12: Ecological information

12.1 Toxicity

No data is available on the mixture .

Substance data, where relevant and available, are listed below:

Aquatic short-term toxicity

Aquatic short-term toxicity - fish

TASKI CREW SHOWER TUB & TILE CLEANER J-FILL

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time (h) |
|-------------------------------------------------|------------------|--------------|----------------------------|----------------------------|-------------------|
| Citric acid | LC ₅₀ | 440 | <i>Leuciscus idus</i> | Method not given | 48 |
| glycolic acid | LC ₅₀ | 114.8 | <i>Pimephales promelas</i> | Method not given | 96 |
| alkyl alcohol ethoxylate | LC ₅₀ | 5 - 7 | <i>Fish</i> | 92/69/EEC, C1, semi-static | 96 |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | LC ₅₀ | 4.2 | <i>Oncorhynchus mykiss</i> | OECD 203, semi-static | 96 |

Aquatic short-term toxicity - crustacea

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time (h) |
|-------------------------------------------------|------------------|--------------|-----------------------------|-------------------|-------------------|
| Citric acid | EC ₅₀ | 1535 | <i>Daphnia magna Straus</i> | Method not given | 24 |
| glycolic acid | EC ₅₀ | 99.6 | <i>Daphnia magna Straus</i> | OECD 202 (EU C.2) | 48 |
| alkyl alcohol ethoxylate | EC ₅₀ | 5.3 | <i>Daphnia</i> | 92/69/EEC | 48 |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | EC ₅₀ | 1.71 | <i>Daphnia magna Straus</i> | 92/69/EEC | 48 |

Aquatic short-term toxicity - algae

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time (h) |
|-------------------------------------------------|--------------------------------|--------------|----------------------------------------|------------------------------|-------------------|
| Citric acid | LC ₅₀ | 425 | <i>Scenedesmus quadricauda</i> | Method not given | 168 |
| glycolic acid | E _r C ₅₀ | 31.2 | <i>Pseudokirchneriella subcapitata</i> | OECD 201 (EU C.3) | 72 |
| alkyl alcohol ethoxylate | EC ₅₀ | 1.4 - 47 | <i>Not specified</i> | 92/69/EEC | 72 |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | EC ₅₀ | 31 | <i>Chlorella vulgaris</i> | OECD 201, static Read across | 72 |

Aquatic short-term toxicity - marine species

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time (days) |
|-------------------------------------------------|----------|-------------------|---------|--------|----------------------|
| Citric acid | | No data available | | | |
| glycolic acid | | No data available | | | |
| alkyl alcohol ethoxylate | | No data available | | | |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | | No data available | | | |

Impact on sewage plants - toxicity to bacteria

| Ingredient(s) | Endpoint | Value (mg/l) | Inoculum | Method | Exposure time |
|-------------------------------------------------|------------------|-------------------|---------------------------|-------------------------------------|---------------|
| Citric acid | EC ₅₀ | > 10000 | <i>Pseudomonas putida</i> | Method not given | 16 hour(s) |
| glycolic acid | | No data available | | | |
| alkyl alcohol ethoxylate | EC ₅₀ | > 140 | <i>Bacteria</i> | DIN EN ISO 8192-OECD 209-88/302/EEC | 3 hour(s) |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | | No data available | | | |

Aquatic long-term toxicity

Aquatic long-term toxicity - fish

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time | Effects observed |
|-------------------------------------------------|------------------|-------------------|----------------------|------------------|---------------|------------------|
| Citric acid | | No data available | | | | |
| glycolic acid | | No data available | | | | |
| alkyl alcohol ethoxylate | EC ₁₀ | 8.983 | <i>Not specified</i> | Method not given | 21 day(s) | |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | | No data available | | | | |

Aquatic long-term toxicity - crustacea

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time | Effects observed |
|---------------|----------|-------------------|---------|--------|---------------|------------------|
| Citric acid | | No data available | | | | |
| glycolic acid | | No data | | | | |

TASKI CREW SHOWER TUB & TILE CLEANER J-FILL

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|-------------------------------------------------|------------------|-----------|----------------------|-----------------------|-----------|--|
| | | available | | | | |
| alkyl alcohol ethoxylate | EC ₁₀ | 2.579 | <i>Daphnia sp.</i> | Method not given | 21 day(s) | |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | NOEC | 1.5 | <i>Daphnia magna</i> | OECD 211, semi-static | 21 day(s) | |

Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if available:

Terrestrial toxicity

Terrestrial toxicity - soil invertebrates, including earthworms, if available:

| Ingredient(s) | Endpoint | Value (mg/kg dw soil) | Species | Method | Exposure time (days) | Effects observed |
|---------------|----------|-----------------------|---------|--------|----------------------|------------------|
| Citric acid | | No data available | | | | |

Terrestrial toxicity - plants, if available:

| Ingredient(s) | Endpoint | Value (mg/kg dw soil) | Species | Method | Exposure time (days) | Effects observed |
|---------------|----------|-----------------------|---------|--------|----------------------|------------------|
| Citric acid | | No data available | | | | |

Terrestrial toxicity - birds, if available:

| Ingredient(s) | Endpoint | Value | Species | Method | Exposure time (days) | Effects observed |
|---------------|----------|-------------------|---------|--------|----------------------|------------------|
| Citric acid | | No data available | | | | |

Terrestrial toxicity - beneficial insects, if available:

| Ingredient(s) | Endpoint | Value (mg/kg dw soil) | Species | Method | Exposure time (days) | Effects observed |
|---------------|----------|-----------------------|---------|--------|----------------------|------------------|
| Citric acid | | No data available | | | | |

Terrestrial toxicity - soil bacteria, if available:

| Ingredient(s) | Endpoint | Value (mg/kg dw soil) | Species | Method | Exposure time (days) | Effects observed |
|---------------|----------|-----------------------|---------|--------|----------------------|------------------|
| Citric acid | | No data available | | | | |

12.2 Persistence and degradability**Abiotic degradation**

Abiotic degradation - photodegradation in air, if available:

| Ingredient(s) | Half-life time | Method | Evaluation | Remark |
|---------------|-------------------|--------|------------|--------|
| Citric acid | No data available | | | |

Abiotic degradation - hydrolysis, if available:

| Ingredient(s) | Half-life time in fresh water | Method | Evaluation | Remark |
|---------------|-------------------------------|--------|------------|--------|
| Citric acid | No data available | | | |

Abiotic degradation - other processes, if available:

| Ingredient(s) | Type | Half-life time | Method | Evaluation | Remark |
|---------------|------|-------------------|--------|------------|--------|
| Citric acid | | No data available | | | |

Biodegradation

Ready biodegradability - aerobic conditions

| Ingredient(s) | Inoculum | Analytical method | DT ₅₀ | Method | Evaluation |
|-------------------------------------------------|--------------------------|----------------------------|-------------------|----------------------------|-----------------------|
| Citric acid | | | 97 % in 28 day(s) | Method not given OECD 301B | Readily biodegradable |
| glycolic acid | Activated sludge, aerobe | CO ₂ production | 78% in 11 day(s) | OECD 301B | Readily biodegradable |
| alkyl alcohol ethoxylate | | | | OECD 301B | Readily biodegradable |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | Activated sludge, aerobe | DOC reduction | 98% in 28 day(s) | OECD 301E | Readily biodegradable |

Ready biodegradability - anaerobic and marine conditions, if available:

| Ingredient(s) | Medium & Type | Analytical | DT ₅₀ | Method | Evaluation |
|---------------|---------------|------------|------------------|--------|------------|
|---------------|---------------|------------|------------------|--------|------------|

TASKI CREW SHOWER TUB & TILE CLEANER J-FILL

| | | method | | | |
|-------------|--|--------|--|--|-------------------|
| Citric acid | | | | | No data available |

Degradation in relevant environmental compartments, if available:

| Ingredient(s) | Medium & Type | Analytical method | DT ₅₀ | Method | Evaluation |
|---------------|---------------|-------------------|------------------|--------|-------------------|
| Citric acid | | | | | No data available |

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log K_{ow})

| Ingredient(s) | Value | Method | Evaluation | Remark |
|-------------------------------------------------|-------------|------------------|------------------------------------|--------|
| Citric acid | -1.72 | | No bioaccumulation expected | |
| glycolic acid | -1.07 | Method not given | No bioaccumulation expected | |
| alkyl alcohol ethoxylate | 3.11 - 4.19 | Method not given | High potential for bioaccumulation | |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | -2.12 | OECD 107 | Low potential for bioaccumulation | |

Bioconcentration factor (BCF)

| Ingredient(s) | Value | Species | Method | Evaluation | Remark |
|-------------------------------------------------|-------------------|---------|------------------|------------------------------------|--------|
| Citric acid | No data available | | | | |
| glycolic acid | 3.162 | | QSAR | Low potential for bioaccumulation | |
| alkyl alcohol ethoxylate | < 500 | | Method not given | High potential for bioaccumulation | |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | No data available | | | | |

12.4 Mobility in soil

Adsorption/Desorption to soil or sediment

| Ingredient(s) | Adsorption coefficient Log K _{oc} | Desorption coefficient Log K _{oc} (des) | Method | Soil/sediment type | Evaluation |
|-------------------------------------------------|--------------------------------------------|--------------------------------------------------|--------|--------------------|--------------------------------------------------|
| Citric acid | No data available | | | | Potential for mobility in soil, soluble in water |
| glycolic acid | No data available | | | | |
| alkyl alcohol ethoxylate | No data available | | | | Potential for mobility in soil, soluble in water |
| sodium N-(2-carboxyethyl)-N-dodecyl-β-alaninate | No data available | | | | |

12.5 Other adverse effects

No other adverse effects known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste from residues / unused products:

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.

Empty packaging

Recommendation:

Suitable cleaning agents:

Dispose of observing national or local regulations.

Water, if necessary with cleaning agent.

SECTION 14: Transport information



ADG, IMO/IMDG, ICAO/IATA

14.1 UN number or ID number: 3265

14.2 UN proper shipping name:

Corrosive liquid, acidic, organic, n.o.s. (citric acid , glycolic acid)

14.3 Transport hazard class(es):

Transport hazard class (and subsidiary risks): 8

TASKI CREW SHOWER TUB & TILE CLEANER J-FILL

14.4 Packing group: III

14.5 Environmental hazards:

Environmentally hazardous: No

Marine pollutant: No

14.6 Special precautions for user: None known.

14.7 Maritime transport in bulk according to IMO instruments: The product is not transported in bulk tankers.

Other relevant information:

Hazchem code: 2X

EmS: F-A, S-B

The product has been classified, labelled and packaged in accordance with the requirements of ADG7.8 Code and the provisions of the IMDG Code.

Transport regulations include special provisions for certain classes of dangerous goods packed in limited quantities.

SECTION 15: Regulatory information

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

| | |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| National regulations | Globally Harmonised System of Classification and Labelling of Chemicals (GHS) as published by Safework Australia. |
| Poison schedule | A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP). |
| Classification | Globally Harmonised System of Classification and Labelling of Chemicals (GHS) as published by Safework Australia. |
| Inventory listing(s) | Australian Inventory of Industrial Chemicals: All components are listed on the inventory, or are exempt. |
| Additional advice | • Contains an added fragrance, see "Odor" heading in section 9 for specific description |

SECTION 16: Other information

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract

SDS code: MS3100881

Version: 01.2

Revision: 2024-02-23

Reason for revision:

This data sheet contains changes from the previous version in section(s):, 14

Additional information:

Acids: When mixing acids with water (diluting), caution must be taken as heat will be generated which causes violent spattering. Always add a small volume of acid to a large volume of water, NEVER the reverse.

Respirators: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

Work practices - solvents: Organic solvents may present both a health and flammability hazard. It is recommended that engineering controls should be adopted to reduce exposure where practicable (for example, if using indoors, ensure explosion proof extraction ventilation is available). Flammable or combustible liquids with explosive limits have the potential for ignition from static discharge. Refer to AS 1020 (The control of undesirable static electricity) and AS 1940 (The storage and handling of flammable and combustible liquids) for control procedures.

Personal protective equipment guidelines: The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

Health effects from exposure: It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Safety Data Sheet which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

Abbreviations and acronyms:

TASKI CREW SHOWER TUB & TILE CLEANER J-FILL

- DNEL - Derived No Effect Limit
- AUH - Non GHS hazard statement
- PNEC - Predicted No Effect Concentration
- ATE - Acute Toxicity Estimate
- LD50 - Lethal Dose, 50% / Median Lethal dose
- LC50 - Lethal Concentration, 50% / Median Lethal Concentration
- EC50 - effective concentration, 50%
- NOEL - No observed effect level
- NOAEL - No observed adverse effect level
- STOT-RE - Specific target organ toxicity (repeated exposure)
- STOT-SE - Specific target organ toxicity (single exposure)
- EC No. - European Community Number
- OECD - Organisation for Economic Cooperation and Development

End of Safety Data Sheet