

SAFETY DATA SHEET

CLEARIT DESCALER & DEGREASER Dishwasher and Washing machines

Version: 12


Review date: 15/07/2021

RE EC/2016-918 - CLP 1272/2008

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1. 1. Preparation name: CLEARIT DESCALER & DEGREASER Dishwasher and Washing machines
1. 1. 1. Formula: 191139V2
1. 1. 2. Product code nr: AS0023529
1. 1. 3. Other means of identification: UFI : EX90-90N3-V00K-W31E
1. 2. Details of the supplier of the safety data sheet:
1. 3. Emergency telephone number: .
1. 4. Relevant identified uses of the substance or mixture and uses advised against: Identified uses:
Water-soluble dose of cleaning and degreasing powder for dishwashers and washing machines
- Uses advised against:
This product should not be used in applications other than those recommended in section 1.

2. HAZARDS IDENTIFICATION

2. 1. Classification of the substance or mixture: * Skin Irrit. 2 / GHS07 - H315 *
* Irr. oc. 2B / H319 *
2. 2. Label elements:
- 
Warning
2. 2. 1. Symbol(s) and signal word:
2. 2. 2. Hazard statement: H315 Causes skin irritation.
H319 Causes serious eye irritation.
2. 2. 3. Prevention: P264 Wash hands thoroughly after handling.
P280 Wear protective gloves / protective clothing / eye protection / face protection.
2. 2. 4. Response: P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P332+P313 If skin irritation occurs: Get medical advice / attention.
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.
2. 3. Further information(s): P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P103 - Carefully read and follow all instructions.
2. 4. Other hazards: Product combines slowly into polymer.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3. 1. Component(s) contributing to the hazard:
- sulphamidic acid; sulphamic acid; sulfamic acid
- Id nr: 016-026-00-0 - CE nr: 226-218-8 - CAS nr: 5329-14-6 - REACH regist N° : 01-2119488633-28
- Conc. (weight %) : Conc. (% pds) : % 5 < C ≤ 10
- GHS (Globally Harmonized System)
* GHS07 * Irr. cut. 2 - H315 * Irr. oc. 2 - H319
* Tox. aq. chron. 3 - H412
 - Sodium xylene sulfonate
- CAS nr: 1300-72-7
- Conc. (weight %) : Conc. (% pds) : % 5 < C < 10
- GHS (Globally Harmonized System)
* GHS07 * Irr. oc. 2 - H319 * Irr. oc. 2A

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- Ethoxylated and butoxylated fatty alcohol
 - CAS nr: 111905-53-4
 - REACH registration number : 02-2119552554-37
 - Conc. (weight %) : Conc. (% pds) : % 1 < C < 5
 - GHS (Globally Harmonized System)
 - * GHS07 * Tox. aiguë 4 - H302 * Irr. oc. 2 - H319 * Irr. oc. 2A
 - * Tox. aq. chron. 3 - H412
- Fragrance composition
 - Conc. (weight %) : Conc. (% pds) : % 0 < C < 0,01
 - GHS (Globally Harmonized System)
 - * GHS07 * Sens. cut. 1 - H317 * Irr. cut. 2 - H315 * Irr. oc. 2A - H319
 - * GHS09 * Tox. aq. chron. 2 - H411

The wording of the sentences are mentioned at heading 16.

4. FIRST AID MEASURES

4. 1. Description of first aid measures:

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| 4. 1. 1. General advice: | In case of doubt or persistent symptoms, consult always a physician. |
| 4. 1. 2. Inhalation: | Place the subject in a ventilated area.. |
| 4. 1. 3. Skin contact: | Take off immediately all contaminated clothing. |
| 4. 1. 4. Eye contact: | Rinse thoroughly and plentifully with water, also under the eyelids.
If eye irritation persists, take medical advice. |
| 4. 1. 5. Ingestion: | Never give anything by mouth to an unconscious person.
If swallowed, seek medical advice immediately and show this container or label. |

4. 2. Most important symptoms and effects, both acute and delayed:

For symptom description, see item 11.

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| 4. 2. 1. Inhalation: | Irritating to the respiratory system, may cause throat pain and cough. |
| 4. 2. 2. Skin contact: | Repeated or prolonged contact with the product may lead to removal of natural fats from the skin |
| 4. 2. 3. Eyes contact: | Liquid splashes in the eye may cause irritation. |
| 4. 2. 4. Ingestion: | Not determined. |

4. 3. Indication of any immediate medical attention and special treatment needed :

Notes to physician

5. FIREFIGHTING MEASURES

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| 5. 1. Extinguishing media: | In case of fire in the surroundings: all extinguishing agents allowed. |
| 5. 2. Special hazards arising from the substance or mixture: | In case of fire and/or explosion do not breathe fumes. |
| 5. 3. Advice for firefighters: | Use a self-contained breathing apparatus and also a protective suit. |
| 5. 4. Extinguishing media which must NOT be used for safety reasons: | None. |

6. ACCIDENTAL RELEASE MEASURES

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| 6. 1. Personal precautions, protective equipment and emergency procedures: | In case of accidental tear of the dose:
Avoid contact with skin, eyes, or clothing.
Concerning personal protective equipment to use, see item 8. |
| 6. 2. Environmental precautions: | In case of accidental tear of the dose:
Do not allow to enter drains or water courses. |
| 6. 3. Methods and material for containment and cleaning up: | Shovel or sweep up and put in a closed container for disposal. |
| 6. 4. Reference to other sections: | Concerning personal protective equipment to use, see item 8.
Concerning disposal elimination after cleaning, see item 13. |

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7. HANDLING AND STORAGE

7. 1. Handling:

7. 1. 1. Precautions for safe handling: Handle with perfectly dry hands
In case of accidental tear of the dose: Avoid contact with skin and eyes.
Do not eat, drink and do not smoke in areas where product is used.
7. 1. 2. Technical condition(s): Keep the container tightly closed and in a dry place.
Never mix with other materials.
7. 1. 3. Safe handling advice(s): Keep out of reach of children.
Read label before use.
Do not handle until all safety precautions have been read and understood.
Keep container closed when not in use.

7. 2. Storage:

7. 2. 1. Conditions for safe storage, including any incompatibilities: Keep container tightly closed and dry.
Keep out of the reach of children.
7. 2. 2. Storage condition(s): Keep container dry.
Keep away from food, drink and animal feedingstuffs.
Store in original container.
Keep out of frost
7. 2. 3. Separation of incompatible product(s): Keep away from:.
7. 2. 4. Packaging / tank material: made of the same material as the supply container.
7. 3. Specific end use(s): General public use

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8. 1. Control parameters:

8. 1. 1. Exposure limit(s):

No exposure limit value known for the components

DNEL :

sulfamic acid CAS 5329-14-6

Workers - Dermal; Long term systemic effects: 10 mg / kg bw / day

Consumer - Oral; Long term systemic effects: 5 mg / kg bw / day

Consumer - Dermal; Long term systemic effects: 5 mg / kg bw / day

PNEC :

- Fresh water; 0.048 mg / l

- Marine water; 0.0048 mg / l

- intermittent discharge; 0.48 mg / l

- Wastewater treatment plant; 2 mg / l

- Sediments (fresh water); 0.173 mg / kg

- Sediments (marine water); 0.0173 mg / kg

- Ground; 0.00638 mg / kg

Sodium xylene sulfonate CAS 1300-72-7

DNEL :

Workers - Dermal; Long term systemic effects: 7.6 mg / kg bw / day

Workers - Inhalation; Long term systemic effects: 53.6 mg / m³

Consumer - Dermal; Long term systemic effects: 3.8 mg / kg bw / day

Consumer - Inhalation; Long term systemic effects: 13.2 mg / m³

Consumer - Oral; Long term systemic effects: 3.8 mg / kg bw / day

PNEC :

- Fresh water; 0.23 mg / l

- Wastewater treatment plant; 100 mg / l

- intermittent discharge; 2.3 mg / l

8. 2. Exposure controls:

8. 2. 1. Eye protection: Safety glasses with side shields conforming to EN 166
8. 2. 2. Respiratory protection: No personal breathing protective equipment is normally required.
In case of insufficient ventilation wear suitable respiratory equipment.

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8. 2. 3. Hand protection: Protective gloves conforming to EN 374. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions in which the product is used, such as the risk of cuts, abrasion and contact time. Protective gloves must be replaced as soon as the first signs of wear appear.
Material: Nitrile rubber
8. 2. 4. Skin and body protection: Wear suitable protective clothing
8. 3. Environmental exposure controls: Do not throw the pure product into the environment
8. 4. Hygiene measure(s): Handle in accordance with good industrial hygiene and safety practice.
When using do not eat or drink.
Wash hands immediately after handling the product.
Avoid contact with the skin and the eyes.
Keep away from food and drink.

9. PHYSICAL AND CHEMICAL PROPERTIES

9. 1. Information on basic physical and chemical properties:

9. 1. 1. Physical state: Powder in water-soluble film.
9. 1. 2. Colour: white
9. 1. 3. Odour: Fresh
9. 1. 4. Melting point / freezing point: Not applicable
9. 1. 5. Boiling point or initial boiling point and boiling range: Not applicable.
9. 1. 6. Flammability: Not applicable
9. 1. 7. Lower and upper explosion limit: Explosive limits are unknown in literature.
9. 1. 8. Flash point: Not applicable.
9. 1. 9. Auto-ignition temperature: Not applicable
9. 1. 10. Decomposition temperature: Not available
9. 1. 11. PH: Not determined.
9. 1. 12. Solubility: Soluble
9. 1. 13. Water solubility: Soluble
9. 1. 14. Fat solubility: Not concerned
9. 1. 15. Solvent solubility: Not concerned
9. 1. 16. Partition coefficient n-octanol/water (log value): Not available
9. 1. 17. Vapour pressure: Not applicable
9. 1. 18. Relative vapour density: Not applicable
9. 1. 19. Density and/or relative density: Not applicable.
9. 1. 20. Particle characteristics: Not available
9. 1. 21. Kinematic viscosity: Not applicable.
9. 1. 22. Bulk density: 0.91 +/- 0,5 à 20°C
9. 2. Other information: % VOC : 0%

10. STABILITY AND REACTIVITY

10. 1. Reactivity: Stable in use and storage conditions as recommended in item 7.
10. 2. Chemical stability: The preparation is stable under the handling and storage conditions recommended in section 7 of the SDS..
10. 3. Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.

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10. 4. Conditions to avoid: None under normal use.
10. 5. Incompatible materials: Do not mix with: bleach
10. 6. Hazardous decomposition products: Do not breathe fumes.

11. TOXICOLOGICAL INFORMATION

11. 1. Information on hazard classes as defined in Regulation (EC) No 1272/2008:

11. 1. 1. General information(s): No available information on product.
Component information (supplier SDS) entering the mixture
11. 1. 2. Inhalation: * Component: Sodium xylene sulfonate No.-CAS 1300-72-7
LC50 / inhalation / 4h / rat => 6.41 mg / l (Rat- Male, Female) (Dust and mist)
11. 1. 3. Skin contact: * Component: sulfamic acid No.-CAS 5329-14-6
LD50:> 2000 mg / kg (Rat) (OECD Test Guideline 402)
Result: Irritating to skin. (Rabbit) (OECD Test Guideline 404)
- * Component: Sodium xylene sulfonate No.-CAS 1300-72-7
LD50:> 2000 mg / kg (Rabbit)
Result: slightly irritating to the skin (OECD Test Guideline 404).
- * Component: Ethoxylated and butoxylated fatty alcohol No.-CAS 111905-53-4
Result: Skin corrosion / irritation rabbit: mild irritant (OECD Guideline 404)
11. 1. 4. Eyes contact: * Component: sulfamic acid No.-CAS 5329-14-6
Result: Causes serious eye damage. (Rabbit) (OECD Test Guideline 405)
- * Component: Ethoxylated and butoxylated fatty alcohol No.-CAS 111905-53-4
Result: Serious eye damage / rabbit irritation: Irritant. (OECD Guideline 405)
- * Component: Sodium xylene sulfonate No.-CAS 1300-72-7
Result: Irritating to eyes (OECD Test Guideline 405)
11. 1. 5. Ingestion: * Component: sulfamic acid No.-CAS 5329-14-6
LD50: 3160 mg / kg (Rat)
- * Component: Ethoxylated and butoxylated fatty alcohol No.-CAS 111905-53-4
LD50 rat (oral):> 300 - 2,000 mg / kg
- * Component: Sodium xylene sulfonate No.-CAS 1300-72-7
LD50 (oral):> 7200 mg / kg (Rat)
11. 1. 6. Sensitisation: * Component: sulfamic acid No.-CAS 5329-14-6
Did not cause sensitization on laboratory animals.
- * Component: Sodium xylene sulfonate No.-CAS 1300-72-7
Skin (Guinea pig): not sensitizing (OECD 406 Skin sensitization)
- * Component: Ethoxylated and butoxylated fatty alcohol No.-CAS 111905-53-4
No data available.
11. 1. 7. Toxicity of repeated or prolonged exposure: * Component: sulfamic acid No.-CAS 5329-14-6
Not classified as toxic to certain target organs after a single exposure.
Not classified as specific target organ toxicant after repeated exposure.
- * Component: Ethoxylated and butoxylated fatty alcohol No.-CAS 111905-53-4
No specific target organ toxicity is anticipated following a single exposure.
No adverse effects were observed in animal experiments for repeated exposure.
11. 2. Information on other hazards: No

12. ECOLOGICAL INFORMATION

12. 1. Toxicity: Must not be released pure and in large quantities into the environment.

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| 12. 2. Persistence and degradability: | The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 |
| 12. 3. Bioaccumulative potential: | Not determined. |
| 12. 4. Mobility in soil: | Not determined.. |
| 12. 5. Results of PBT and vPvB assessment: | Not determined.. |
| 12. 6. Endocrine disrupting properties: | Not determined. |
| 12. 7. Other adverse effects: | Data not available. |

13. DISPOSAL CONSIDERATIONS

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| 13. 1. Waste treatment methods: | Collect all waste in suitable and labelled containers and dispose according to local legislation. |
| 13. 2. Contaminated packaging: | Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. |
| 13. 3. Local / national disposal regulation(s): | |

14. TRANSPORT INFORMATION

- | | |
|---|--|
| 14. 1. General information(s): | Not classified as dangerous in the meaning of transport regulations. |
| 14. 2. UN number or ID number: | Not applicable. |
| 14. 6. Environmental hazards: | Not concerned |
| 14. 7. Special precautions for user: | Refer to sections 7 and 8.. |
| 14. 8. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: | Not concerned |
| 14. 9. Maritime transport in bulk according to IMO instruments: | Not concerned |

15. REGULATORY INFORMATION

- | | |
|--|--|
| 15. 1. Safety, health and environmental regulations/legislation specific for the substance or mixture: | This safety data sheet complies with regulation EC / 2016-918 - CLP 1272/2008

Composition according to EC regulation 648/2004:
Nonionic surfactants: less than 5%
Anionic surfactants: 5% or more, but less than 15%
Parfums |
| 15. 2. Chemical safety assessment: | No data on the preparation itself is available.. |

16. OTHER INFORMATION

- | | |
|---|---|
| 16. 1. According legislation(s): | Abbreviations and acronyms
CAS: Chemical Abstracts Service.
DNEL: Derived dose with no effect.
LC50: Lethal concentration for 50% of the population tested (median lethal concentration).
LD50: Median lethal dose for 50% of the population tested (median lethal dose).
PNEC: Concentration predicted to have no effect.
Registration, evaluation and authorization of chemical substances Regulation (EC) No 1907/2006.

OECD: Organization for Economic Co-operation and Development
STP Treatment plants
VOC: Volatile organic compounds |
| 16. 2. Text of the phrases listed in section 3: | H302 Harmful if swallowed.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.
H317 May cause an allergic skin reaction.
H315 Causes skin irritation.
H411 Toxic to aquatic life with long lasting effects. |

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16. 3. Important remarks: It is the user's responsibility to take mentioned precaution measures and ensure that this information is complete and sufficient for the use of this product.
It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users.
16. 4. Restrictions: This information relates to the specific material designated and may not be valid in combination with other product(s).
16. 5. References and / or bibliography: European Chemicals Agency, <http://echa.europa.eu/>
SDS suppliers
16. 6. 1. First edition date: 27/03/06
16. 6. 2. Previous revision date: 02/10/19
16. 6. 3. Review date: 15/07/2021
16. 6. 4. Version: 12
16. 6. 5. Review chapter(s) n°: 1-3-6-8-9-11-15-16
16. 7. Written by: