

**SAFETY DATA SHEET
CLEAN - TEQ**

Date: 27-03-2023

Changes compared to the previous version: regulation 2020/878 indicated

Supersedes: 10-11-2020

Version 3

1. Identification of the substance/mixture and the company/undertaking

1.1 Product identification

Chemical product type : Mixture
Name : CLEAN – TEQ
Code : 140

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

Use : professional escalator cleaner.

1.3 Details of the supplier of the safety data sheet

Ecofy
213/16 Wurrook Crt
Caringbah NSW 2229

1.4 Emergency telephone number

Poisons Information Centre (National) 13 11 26

2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Directive 1272/2008 (CLP)

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

Adverse physicochemical, human health and environmental effects:

No additional information.

2.2 Label elements

Symbol(s) : GHS07



Signal word : Warning

H315 : Causes skin irritation.
H319 : Causes serious eye irritation.
H412 : Harmful to aquatic life with long lasting effects

P280 : Wear protective gloves.
P302+352 : IF ON SKIN: Wash with plenty of water.
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.
P273 : Avoid release to the environment.

Dangerous components to be mentioned on the label:

Not applicable.

2.3 Other hazards

No additional information.

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3. Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Regulation (CE) No. 648/2004 on detergents

Cationic surfactants 0-15%

Nonionic surfactants 0-5%

Dangerous components

Product identifier	Name	wt%	classification acc. 1272/2008 (CLP)
CAS no. 68424-85-1 EC no. 270-325-2 REACH no. 01-2119965180-41	Alkyl C12-C16 dimethyl benzyl ammonium chloride	1-3	Acute Tox. 4 (oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
CAS no. 68439-46-3 EC no. 614-482-0 REACH no. 01-2119980051-45	Alcohols ethoxylated (C9-C11)-6 EO	1-3	Acute Tox. 4 (oral), H302 Eye Dam. 1, H318

Full text of H-phrases see section 16.

4. First aid measures

4.1 Description of first aid measures

After inhalation: In case of excessive inhalation move the victim to fresh air. Seek medical attention if the person feels unwell.
After skin contact: Rinse off with running water.
After eye contact: Remove contact lenses if present. Flush eyes as soon as possible with running water for several minutes. Seek medical attention if ill effects or irritation develops.
After swallowing: Seek for medical attention. Rinse mouth. Do not induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation: No serious symptoms if normally used.
Skin contact: Irritation, redness.
Eye contact: Irritation, redness.
Ingestion: Slight irritation of the throat and the gullet is possible.

4.3 Indication of any immediate medical attention and special treatment needed.

In case of doubt, seek for medical attention.

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

The product itself does not burn. Extinguishing media: water haze, extinguishing powder, carbon dioxide, foam.

5.2 Special hazards arising from the substance or mixture.

Hazardous reactions: In case of fire hazardous vapours of carbon dioxide and nitrogen oxide.

5.3 Advice for firefighters

Wear protective clothing and safety glasses. Keep containers cool by spraying with cold water.

6. Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

Refer to section 8 for details about personal protection.

6.2 Environmental precautions

Prevent entry to sewers, ground, and public waters. Inform authorities in case of pollution of the environment.

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CLEAN - TEQ**6.3 Methods and material for containment and cleaning up.**

Methods for cleaning up: Clean up any spills as soon as possible in absorbing material. Dispose of it in accordance with the local regulations.

7. Handling and storage**7.1 Precautions for safe handling**

Be sure that personal protective material is available (see section 8).

7.2 Conditions for safe storage, including any incompatibilities

Storage: Cool and dry in closed containers; not in direct sunlight.

7.3 Specific end use(s)

Prevent contact with eyes and skin.

8. Exposure controls/personal protection**8.1 Control parameters****Threshold limit values:**

The product does not contain relevant quantities of ingredients that require monitoring at the workplace.

8.2 Exposure controls**Respiratory protection:**

Not required if normally used.

Hand protection:

Use protective gloves. Suitable are nitrile rubber, neoprene, and PVC (thickness 0,4 mm, all with break through time >360 min.).

Eye protection:

Not required if normally used.

Skin protection:

Not required if normally used.

9. Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	green
Odour:	weak
Odour threshold:	no data available
pH value:	approx. 8
Melting point:	<0° C.
Boiling point:	100° C.
Flash point:	none
Self-ignition temperature:	n.a.
Explosion limits:	n.a.
Vapour pressure:	no data available
Vapour density:	no data available
Decomposition temperature:	no data available
Oxidising properties:	none
Density (20°C.):	approx. 1,01 g/cm ³
Viscosity (dynamic, 20°C.):	<10 mPas
Water solubility:	completely soluble.
Partition coefficient n-octanol/water:	no data available

9.2 Other information

No additional information available.

10. Stability and reactivity**10.1 Reactivity**

The product is not reactive.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

None.

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10.4 **Conditions to avoid** Extreme heat.

10.5 **Incompatible materials** None.

10.6 **Hazardous decomposition products**
None under normal circumstances.

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Alcohols ethoxylated (C9-C11) -6 EO: LD50 (rat, oral) 1920 mg/kg
LC50 (rat, inhalation, 4 h.) 124 mg/kg

Alkyl C12-C16 dimethyl benzyl ammonium chloride:
LD50 (rat, oral):426 mg/kg
LD50 (rat, eyes):100 mg/kg

11.2 Symptoms/routes of exposure

Inhalation: No serious symptoms if normally used.
Skin contact: Irritation, redness.
Eye contact: Irritation, redness.
Ingestion: There may be some irritation of the throat.

11.3 Additional information

Sensitisation: Not classified.
CMR-effects: No effects are known.

12. Ecological information

12.1 Toxicity

Aquatic toxicity:

Alcohols ethoxylated (C9-C11) -6 EO: LC50 (fish, 96 h) 0,49 mg/l
Alkyl C12-C16 dimethyl benzyl ammonium chloride: LC50 (fish, 96 h) 5-7 mg/l

12.2 Persistence and degradability

The surfactants are completely biodegradable and meet the appropriate OECD test.

12.3 Bio accumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and zPzB-assessment

Not identified.

12.6 Other adverse effects

No special information.

13. Disposal considerations

13.1 Waste treatment methods

Dispose of it in a safe manner in accordance with local/national regulations.

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14. Transport information

14.1 VN-number

UN-number: Not applicable.

14.2 UN Proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Class (ADR) Not applicable.

14.4 Packaging group:

Not applicable.

14.5 Environmental hazard:

No marine pollutant.

4.6 Special precautions for user

Special precautions: None.

Tunnel code: Not applicable.

Transport category: Not applicable.

15. Regulatory information

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

No additional information.

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

16. Other information

The contents and the format of this SDS are in accordance with regulation 453/2010/EC.

Full text of H phrases in section 3, relevant for the ingredients:

Acute Tox. 4 (oral),	Acute Toxicity – Oral, category 4	H302	Harmful if swallowed.
Skin Irrit. 1B	Skin Corrosion / Irritation, category 1B	H314	Causes severe skin burns and eye damage.
Eye Dam. 1	Eye Damage / Eye Irritation, category 1	H318	Causes serious eye damage
Aquatic. Acute 1	Hazardous to the Aquatic Environment – Acute Hazard, category 1	H400	Very toxic to aquatic life.
Aquatic Chronic 1	Hazardous to the Aquatic Environment – Chronic Hazard, category 1	H410	Very toxic to aquatic life with long lasting effects.

This information is based on our current knowledge. It should not therefore be construed as guaranteeing any specific property of the product.