

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 09.05.2023

Version number 3 (replaces version 2)

Revision: 09.05.2023

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

1.1 Product identifier**Trade name: 312 Conditioner****Article number: 312****UFI: 7TU0-G0RM-600C-27KU****1.2 Relevant identified uses of the substance or mixture and uses advised against***No further relevant information available.***Application of the substance / preparation** *Cleaning and maintenance product for LiquidDesign.***1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:***Forbo Eurocol Nederland B.V.**Industrieweg 1-2**NL-1521 NA Wormerveer Holland**Tel. +31 75 6271600 - Fax +31 75 6283564**E-mail address: info.eurocol@forbo.com**Website: www.eurocol.com***1.4 Emergency telephone number:***In case of emergency please contact the Dutch National Poison Control, telephone number: 0031-(0)88-755 8000 (This number is only accessible to the physician treating the patient and only in case of accidental poisoning).*

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture**Classification according to Regulation (EC) No 1272/2008***Eye Irrit. 2 H319 Causes serious eye irritation.***2.2 Label elements****Labelling according to Regulation (EC) No 1272/2008***The product is classified and labelled according to the GB CLP regulation.***Hazard pictograms**

GHS07

Signal word *Warning***Hazard statements***H319 Causes serious eye irritation.***Precautionary statements***P101 If medical advice is needed, have product container or label at hand.**P102 Keep out of reach of children.**P264 Wash thoroughly after handling.*

(Contd. on page 2)

GB

Safety data sheet

according to 1907/2006/EC, Article 31

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Version number 3 (replaces version 2)

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Trade name: **312 Conditioner**

(Contd. of page 1)

P280 Wear eye protection / face protection.

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 Other hazards

· Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB: Not applicable.

· Determination of endocrine-disrupting properties

The product does not contain substances with endocrine disrupting properties.

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

· Description: *Cleaning agent*

· Dangerous components:

169107-21-5	Alcohols C9-11 branched, ethoxylated	>1-5%
	☠ Eye Dam. 1, H318; ☠ Acute Tox. 4, H302	

· Regulation (EC) No 648/2004 on detergents / Labelling for contents

soap, non-ionic surfactants, perfumes, disinfectants

· Additional information: *For the wording of the listed hazard phrases refer to section 16.*

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a physician.

· After swallowing: *Rinse mouth with water and then drink plenty of water, consult physician immediately.*

· 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

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

No further relevant information available.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

· Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· 5.2 Special hazards arising from the substance or mixture *No further relevant information available.*

· 5.3 Advice for firefighters

· Protective equipment: *No special measures required.*

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Particular danger of slipping on leaked/spilled product.

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

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Revision: 09.05.2023

Trade name: **312 Conditioner**

(Contd. of page 2)

- **6.2 Environmental precautions:** *Dilute with plenty of water.*
- **6.3 Methods and material for containment and cleaning up:**
Dispose of the material collected according to regulations.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** *No special measures required.*
- **Information about fire - and explosion protection:** *No special measures required.*
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** *Store in a cool, but frost-proof location.*
- **Information about storage in one common storage facility:** *Not required.*
- **Further information about storage conditions:**
Recommended storage temperature between 15 and 25 °C.
- **7.3 Specific end use(s)** *No further relevant information available.*

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** *The lists valid during manufacture were used as basis.*
- **8.2 Exposure controls**
- **Appropriate engineering controls** *No further data; see item 7.*
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** *Not required.*
- **Hand protection**



The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material is dependant on the penetration times, rates of diffusion and degradation.

- **Material of gloves**
The selection of suitable gloves does not only depend on the material, but also on further aspects of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
The exact break through time has to be established by the manufacturer of the protective gloves and has to be observed.

(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 09.05.2023

Version number 3 (replaces version 2)

Revision: 09.05.2023

Trade name: **312 Conditioner**

(Contd. of page 3)

- For prolonged contact gloves made of the following materials are suitable: *Butyl rubber or PVC*
- Eye/face protection *Tightly sealed goggles by risk of splashing.*

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

- Colour: *Yellowish*
- Odour: *Characteristic*
- Odour threshold: *Not determined.*
- Melting point/freezing point: *Undetermined.*
- Boiling point or initial boiling point and boiling range *100 °C*
- Flammability *Not applicable.*
- Lower and upper explosion limit
- Lower: *Not determined.*
- Upper: *Not determined.*
- Flash point: *Not applicable.*
- Decomposition temperature: *Not determined.*
- pH at 20 °C *10*
- Viscosity:
- Kinematic viscosity at 20 °C *90 s (ISO 6 mm)*
- Dynamic: *Not determined.*
- Solubility
- water: *Fully miscible.*
- Partition coefficient n-octanol/water (log value) *Not determined.*
- Vapour pressure at 20 °C: *23 hPa*
- Density and/or relative density
- Density at 20 °C: *1.02 g/cm³*
- Relative density *Not determined.*
- Vapour density *Not determined.*

· 9.2 Other information

- Appearance:
- Form: *Fluid*
- Important information on protection of health and environment, and on safety.
- Auto-ignition temperature: *Product is not self-igniting.*
- Explosive properties: *Product does not present an explosion hazard.*
- Solvent content:
- Organic solvents: *1.4 %*
- Change in condition
- Evaporation rate *Not determined.*

· Information with regard to physical hazard classes

- Explosives *Void*
- Flammable gases *Void*
- Aerosols *Void*

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 09.05.2023

Version number 3 (replaces version 2)

Revision: 09.05.2023

Trade name: **312 Conditioner**

(Contd. of page 4)

· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

SECTION 10: Stability and reactivity

- **10.1 Reactivity** *No further relevant information available.*
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** *No decomposition if used according to specifications.*
- **10.3 Possibility of hazardous reactions** *No dangerous reactions known.*
- **10.4 Conditions to avoid** *No further relevant information available.*
- **10.5 Incompatible materials:** *No further relevant information available.*
- **10.6 Hazardous decomposition products:** *No dangerous decomposition products known.*

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** *Based on available data, the classification criteria are not met.*
- **Skin corrosion/irritation** *Based on available data, the classification criteria are not met.*
- **Serious eye damage/irritation**
Causes serious eye irritation.
- **Respiratory or skin sensitisation** *Based on available data, the classification criteria are not met.*
- **Germ cell mutagenicity** *Based on available data, the classification criteria are not met.*
- **Carcinogenicity** *Based on available data, the classification criteria are not met.*
- **Reproductive toxicity** *Based on available data, the classification criteria are not met.*
- **STOT-single exposure** *Based on available data, the classification criteria are not met.*
- **STOT-repeated exposure** *Based on available data, the classification criteria are not met.*
- **Aspiration hazard** *Based on available data, the classification criteria are not met.*
- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

GB

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31

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Version number 3 (replaces version 2)

Revision: 09.05.2023

Trade name: **312 Conditioner**

(Contd. of page 5)

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** *No further relevant information available.*
- **12.2 Persistence and degradability** *No further relevant information available.*
- **12.3 Bioaccumulative potential** *No further relevant information available.*
- **12.4 Mobility in soil** *No further relevant information available.*
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*
- **12.6 Endocrine disrupting properties** *For information on endocrine disrupting properties see section 11.*
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:**
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** *Smaller quantities can be disposed of with household waste.*
- **Uncleaned packaging:**
- **Recommendation:** *Disposal must be made according to official regulations.*
- **Recommended cleansing agents:** *Warm water, if necessary together with cleansing agents.*

SECTION 14: Transport information

- | | |
|---|------------------------|
| · 14.1 UN number or ID number
· ADR, ADN, IMDG, IATA | <i>Void</i> |
| · 14.2 UN proper shipping name
· ADR, ADN, IMDG, IATA | <i>Void</i> |
| · 14.3 Transport hazard class(es)
· ADR, ADN, IMDG, IATA
· Class | <i>Void</i> |
| · 14.4 Packing group
· ADR, IMDG, IATA | <i>Void</i> |
| · 14.5 Environmental hazards:
· Marine pollutant: | <i>No</i> |
| · 14.6 Special precautions for user | <i>Not applicable.</i> |
| · 14.7 Maritime transport in bulk according to IMO instruments | <i>Not applicable.</i> |

(Contd. on page 7)

Safety data sheet

according to 1907/2006/EC, Article 31

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Trade name: **312 Conditioner**

(Contd. of page 6)

· Transport/Additional information:	<i>Not classified as hazardous under transport regulations.</i>
· UN "Model Regulation":	<i>Void</i>

SECTION 15: Regulatory information

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

· Directive 2012/18/EU

· **Named dangerous substances - ANNEX I** *None of the ingredients is listed.*

· **REGULATION (EC) No 1907/2006 ANNEX XVII** *Conditions of restriction: 3*

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **National regulations:**

· **Technical instructions (air):**

Class	Share in %
Wasser	82.4
NK	1.4

· **Waterhazard class:** *Water hazard class 1 (Self-assessment): slightly hazardous for water.*

· **15.2 Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H302 Harmful if swallowed.

H318 Causes serious eye damage.

· **Department issuing SDS:** *Forbo Flooring Marketing*

· **Contact:** *Ing. T.W. Breeuwer*

· **Date of previous version:** *21.10.2021*

· **Version number of previous version:** *2*

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

(Contd. on page 8)

Safety data sheet
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Revision: 09.05.2023

Trade name: 312 Conditioner

(Contd. of page 7)

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

*** Data compared to the previous version altered.**

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