

# Vigura

Version number: 5  
Issued: 2023-03-01  
Replaces SDS: 2017-07-19



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

### 1.1. Product identifier

**Trade name**

Vigura

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

**Relevant identified uses**

Laundry stiffness for professional users.

**Not suitable for use in**

All other uses are discouraged.

### 1.3. Details of the supplier of the safety data sheet

**Supplier**

KLEEN PURGATIS GmbH

Address

Dieselstraße 10  
32120 Hiddenhausen  
Germany

Telephone

+49 (0) 5223 9970-40

Email

info@kleen-purgatis.de

Fax

+49 (0) 5223 9970-195

Web site

www.kleenpurgatis.de

**Contact person**

Regulatory Affairs

**Email**

info@kleen-purgatis.de

### 1.4. Emergency telephone number

+49 (0) 5223 9970-40 during office hours

**Available outside office hours**

No

# Vigura

Version number: 5  
Issued: 2023-03-01  
Replaces SDS: 2017-07-19



## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

The product is not classified as hazardous according to Regulation (EC) No 1272/2008.

### 2.2. Label elements

#### Supplemental hazard statements

EUH208 Contains 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

### 2.3. Other hazards

This mixture does not contain any substances that are classified as PBT or vPvB according to Article 57 / Annex XIII of the REACH regulation.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Product based on

Aqueous homopolymeric polyvinyl acetate dispersion

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Skin contact

Wash off with soap and water.

#### Eye contact

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician if necessary.

#### Ingestion

Clean mouth with water and drink afterwards plenty of water. Consult a physician if necessary.

#### Information for doctors

Show this safety data sheet to the doctor in attendance.

### 4.2. Most important symptoms and effects, both acute and delayed

#### Inhalation

Not applicable.

#### Skin contact

May cause skin irritation.

#### Eye contact

May cause eye irritation.

#### Ingestion

Nausea

# Vigura

Version number: 5  
Issued: 2023-03-01  
Replaces SDS: 2017-07-19



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

Treat symptomatically. For specialist advice physicians should contact the Poisons Information Service.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

The product is not flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

### 5.2. Special hazards arising from the substance or mixture

None known.

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighters

Not required.

#### Measures in case of fire

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

No special precautions required.

### 6.2. Environmental precautions

No special precautions required.

### 6.3. Methods and material for containment and cleaning up

Rinse with water.

### 6.4. Reference to other sections

For information on storage and handling see section 7.

For information on exposure and personal protective equipment, see Section 8.

For information on incompatible materials, see Section 10.

For information on disposal see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Preventive handling precautions

No special precautions required.

# Vigura

Version number: 5  
Issued: 2023-03-01  
Replaces SDS: 2017-07-19



## **General hygiene**

Wash hands after handling.  
When using, do not eat, drink or smoke.  
The usual precautionary measures when handling chemicals must be observed.

## **7.2. Conditions for safe storage, including any incompatibilities**

Store in original container.  
Keep away from food, drink and animal feeding stuffs.

Storage class according to TRGS 510: 12 (non-flammable liquids)

Storage temperature: 10°C to 40°C  
Protect from frost.

## **7.3. Specific end use(s)**

See section 1.2: Laundry stiffness

## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

No data available

### **8.2. Exposure controls**

#### **Appropriate engineering controls**

Not required.

#### **Eye / face protection**

Not required.

#### **Hand protection**

Recommended preventive skin protection:  
Wear chemical-resistant disposable protective gloves according to EN 374.

#### **Other skin protection**

This type of personal protective equipment is not necessary under normal and foreseeable use of the product.

#### **Respiratory protection**

This type of personal protective equipment is not necessary under normal and foreseeable use of the product.

#### **Thermal hazards**

Not applicable

#### **Environmental exposure controls**

No special environmental precautions required.

# Vigura

Version number: 5  
Issued: 2023-03-01  
Replaces SDS: 2017-07-19

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Physical state

Liquid

#### Colour

white

#### Odour

odourless

#### Odour threshold

Not determined for the mixture.

#### Melting point / freezing point

Not determined for the mixture.

#### Boiling point or initial boiling point and boiling range

Not determined for the mixture.

#### Flammability

Not applicable.

#### Lower and upper explosion limit

The product / mixture has no explosive properties.

#### Flash point

> 65 °C

#### Auto-ignition temperature

Not applicable.

#### Decomposition temperature

Not determined for the mixture.

#### pH

5.5

#### Kinematic viscosity

Not determined for the mixture.

#### Viscosity, dynamic

Not determined for the mixture.

#### Solubility

No data available

#### Water solubility

Miscible

According to Regulation (EC) No 1907/2006

# Vigura

Version number: 5  
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Replaces SDS: 2017-07-19



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## Partition coefficient n-octanol/water

Not determined for the mixture.

## Vapour pressure

Not determined for the mixture.

## Density and/or relative density

1.022 g/cm<sup>3</sup>

## Relative vapour density

Not determined for the mixture.

## Evaporation Rate

Not determined for the mixture.

## Explosive properties

The product / mixture has no explosive properties.

## Oxidising properties

The product / mixture has no oxidizing properties.

## Particle characteristics

This product / mixture does not contain any nanomaterials or nanoforms as defined in Regulation (EC) 1907/2006.

## 9.2. Other information

No information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable at normal conditions

### 10.2. Chemical stability

The product is chemically stable.

### 10.3. Possibility of hazardous reactions

None under normal use.

### 10.4. Conditions to avoid

Protect from frost, heat and sunlight.

### 10.5. Incompatible materials

None known.

### 10.6. Hazardous decomposition products

For information on combustion products, see Section 5.

# Vigura

Version number: 5  
Issued: 2023-03-01  
Replaces SDS: 2017-07-19



## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicology data for the components

#### **Acute toxicity**

Based on the available data, the classification criteria are not met.

#### **Skin corrosion/irritation**

Based on the available data, the classification criteria are not met.

#### **Serious eye damage/irritation**

Based on the available data, the classification criteria are not met.

#### **Germ cell mutagenicity**

Based on available data, the classification criteria are not met.

#### **Carcinogenicity**

Based on the available data, the classification criteria are not met.

#### **Reproductive toxicity**

Based on the available data, the classification criteria are not met.

#### **STOT-single exposure**

Based on the available data, the classification criteria are not met.

#### **STOT-repeated exposure**

Based on the available data, the classification criteria are not met.

#### **Aspiration hazard**

Based on the available data, the classification criteria are not met.

### 11.2. Information on other hazards

#### **Endocrine disrupting properties**

The mixture / product does not contain any ingredients with endocrine disrupting properties in terms of regulations (EC) 1907/2006 and (EU) 2018/605 and the delegated regulation (EU) 2017/2100.

## SECTION 12: Ecological information

### 12.1. Toxicity

No data available

### 12.2. Persistence and degradability

No data available

### 12.3. Bioaccumulative potential

#### **Bioaccumulative potential**

Not available

According to Regulation (EC) No 1907/2006

# Vigura

Version number: 5  
 Issued: 2023-03-01  
 Replaces SDS: 2017-07-19



## 12.4. Mobility in soil

### Mobility

Not available

## 12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are classified as PBT or vPvB according to Article 57 / Annex XIII of the REACH regulation.

## 12.6. Endocrine disrupting properties

The mixture / product does not contain any ingredients with endocrine disrupting properties in terms of regulations (EC) 1907/2006 and (EU) 2018/605 and the delegated regulation (EU) 2017/2100.

## 12.7. Other adverse effects

### Other adverse effects

This product / mixture does not contain any substances within the meaning of Regulation (EC) No. 1005/2009 that deplete the ozone layer.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal considerations

Waste disposal in accordance with applicable local/regional/national/international regulations.

#### Packaging

Do not re-use empty containers. Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packaging : Dispose of as unused product.

Waste code	Waste description
07 02 99	wastes not otherwise specified

Please note - an asterisk (\*) next to a code denotes that it is HAZARDOUS WASTE.

## SECTION 14: Transport information

### 14.1. UN number

No dangerous goods in the sense of the transport regulations

### 14.2. UN proper shipping name

#### ADR / RID / ADN proper shipping name

No dangerous goods in the sense of the transport regulations

### 14.3. Transport hazard class(es)

#### Label

Not classified as dangerous in the meaning of transport regulations.



According to Regulation (EC) No 1907/2006

# Vigura

Version number: 5  
Issued: 2023-03-01  
Replaces SDS: 2017-07-19



## 14.4. Packing group

Not classified as dangerous in the meaning of transport regulations.

## 14.5. Environmental hazards

### Environmental hazards

Not classified as dangerous in the meaning of transport regulations.

## 14.6. Special precautions for user

### Special precautions for user

The usual precautionary measures when handling chemicals must be observed.

## 14.7. Maritime transport in bulk according to IMO instruments

Not classified as dangerous in the meaning of transport regulations.

## Other

Not applicable

## SECTION 15: Regulatory information

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

#### EU regulations

Regulation (EC) No. 648/2004 (detergents)

Ingredients according to Annex VII:

Contains preservation agents, METHYLCHLOROISOTHIAZOLINONE,  
METHYLISOTHIAZOLINONE

Regulation (EC) No. 1272/2008 (CLP)

EU Regulation (EC) No. 1907/2006 (REACH)

Substances subject to authorization according to Annex XIV: not applicable

Substance restrictions according to Annex XVII: not applicable

Substances on the REACH candidate list (SVHC): not applicable

Regulation (EU) No. 528/2012 (BPR)

Active ingredients: not applicable

Regulation (EU) 2019/1148 (explosives)

Restricted raw material according to Annex I: not applicable

Notifiable raw materials according to Annex II: not applicable

Directive 2011/65 / EU (ROHS 2)

Substance restrictions according to Annex II: not applicable

Regulation (EU) 2019/1021 (POP)

Persistent organic pollutants: not applicable

Directive 2012/18/EU (Seveso III)

Seveso hazard category: not applicable

# Vigura

Version number: 5  
Issued: 2023-03-01  
Replaces SDS: 2017-07-19



## National regulations

In addition, comply with all national and local regulations for the handling of chemicals.

## Other regulations, limitations and legal regulations

Take note of Dir 94/33/EC on the protection of young people at work.

## 15.2. Chemical safety assessment

The mixture has not been subjected to a safety assessment.

## SECTION 16: Other information

### Changes to previous revision

Adaptation to the amending regulation (EU) 2020/878

### Abbreviations

ADN - Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

ADR - Accord relatif au transport international des marchandises Dangereuses par Route

CAS - Chemical Abstract Service

CLP - Classification, Labelling and Packaging

DMEL - Derived Minimum Effect Level

DNEL - Derived no effect level

EC50 - Half maximal effective concentration 50%

GHS - Globally Harmonised System

IATA - International Air Transport Association

IMDG - International Maritime Dangerous Goods

LC50 - Lethal concentration 50%

LD50 - Lethal dosis 50 %

MARPOL - International Convention for the Prevention of Pollution from Ships

PBT - Persistent, bioaccumulative and toxic substance

PEC - Predicted Environmental Concentration

PNEC - predicted no effect concentration

REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals

RID - Reglement concernant le transport international ferroviaire de marchandises Dangereuses

SVHC - Substance of very high concern

vPvB - Very persistent, very bioaccumulative substance

### References to key literature and data sources

REACH registration dossiers

ECHA C&L - Inventory

Safety data sheets from raw material suppliers

### Evaluation methods for classification

Classification for mixtures and used evaluation method according to Article 9 of regulation (EC) 1272/2008 [CLP]:

Health hazards: calculation method

According to Regulation (EC) No 1907/2006

# Vigura

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## **Phrase meaning**

EUH208 Contains 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

## **Additional information**

This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878.

## **Manufacturer's notes**

Legal disclaimer: The above information is believed to be correct. This company shall not be held liable for any damage resulting from handling or from contact with the above product.