

# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

## WEPURAN VT 3402 KK

Printing date 31. 01. 2024

Revision date: 31. 01. 2024

Version number 1.1 (replaces version 1.0)

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

#### Product identifier

**Trade name** VT 3402 KK-NV Komp. A (011),  
**Article number** 300548  
**UFI** 75C0-Y0GN-600E-TWW3

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

##### Sector of Use

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites  
 SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

##### Product category

PC9a povrchové materiály a barvy, ředidla, odstraňovače povrchových materiálů

##### Process category

PROC4 Chemical production where opportunity for exposure arises  
 PROC10 Roller application or brushing  
 PROC13 Treatment of articles by dipping and pouring

##### Environmental release category

ERC5 Use at industrial site leading to inclusion into/onto article  
 ERC6a Use of intermediate

##### Article category

AC2 Machinery, mechanical appliances, electrical/electronic articles

##### Application of the substance / the mixture

Coating material

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

**Manufacturer/Supplier:** Lackwerke Peters GmbH & Co.KG  
**Address:** Hooghe Weg 13, 47906 KEMPEN, Germany  
**Email:** peters@peters.de

#### Further information obtainable from

Arbeitssicherheit und Umweltschutz (workplace safety / environmental protection)

#### Emergency telephone number

During normal office hours (8 - 16h CET): ++49 - 21 52 - 20 09 0

### 2 HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

##### Classification according to Regulation (EC) No 1272/2008

The product is not classified, according to the CLP regulation.

#### Label elements

Labelling according to Regulation (EC) No 1272/2008	Void
Hazard pictograms	Void
Signal word	Void
Hazard statements	Void

#### Other hazards

##### Results of PBT and vPvB assessment

PBT	Not applicable
vPvB	Not applicable

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

#### Mixtures

**Description** Mixture of substances listed below with nonhazardous additions.

#### Dangerous components

CAS: 28553-12-0  
EINECS: 249-079-5

[3-(2,3-epoxypropoxy)propyl]trimethoxysilane

Flam. Liq. 3, H226

1 - 2,5%

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

### 4 FIRST AID MEASURES

#### Description of first aid measures

##### General information:

No special measures required.

Take affected persons out of danger area and lay down.

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:** Generally the product does not irritate the skin.

**After eye contact:** Rinse opened eye for several minutes under running water.

**After swallowing:** If symptoms persist consult doctor.

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

No further relevant information available.

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

No further relevant information available.

### 5 FIREFIGHTING MEASURES

#### Extinguishing media

**Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

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

#### Advice for firefighters

**Protective equipment:** No special measures required.

### 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures** Not required.

#### Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

#### Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

#### 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.

### 7 HANDLING AND STORAGE

**Precautions for safe handling** No special measures required.

**Information about fire - and explosion protection:** No special measures required.

#### Conditions for safe storage, including any incompatibilities

##### Storage:

**Requirements to be met by storerooms and receptacles:** No special requirements.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** None.

**Storage class:** 10

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### 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 the making were used as basis.

### Exposure controls

**Appropriate engineering controls** No further data; see section 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. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/the chemical mixture.

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

##### Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks 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 found out by the manufacturer of the protective gloves and has to be observed.

**Eye/face protection** Goggles recommended during refilling

## 9 PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

#### General Information

##### Physical state

Fluid

##### Colour:

Colourless

##### Odour:

Product specific

##### Odour threshold:

Not determined.

##### Melting point/freezing point:

Undetermined.

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

Undetermined.

##### Flammability

Not applicable.

##### Lower and upper explosion limit

##### Lower:

Not determined.

##### Upper:

Not determined.

##### Flash point:

100 °C

##### Auto-ignition temperature:

385 °C

##### Decomposition temperature:

Not determined.

##### pH

Mixture is non-polar/aprotic.

##### Viscosity:

##### Kinematic viscosity

Not determined.

##### Dynamic at 20 °C:

1,400 mPas

##### Solubility

##### Water:

Not miscible or difficult to mix.

##### Partition coefficient n-octanol/water (log value)

Not determined.

##### Vapour pressure:

Not determined.

##### Density and/or relative density

##### Density at 20 °C:

1.0987 g/cm³

##### Relative density

Not determined.

##### Vapour density

Not determined.

#### Other information

##### Appearance:

##### Form:

Fluid

**Important information on protection of health and environment, and on safety.**

<b>Ignition temperature:</b>	Product is not selfigniting.
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>Solvent content:</b>	
<b>VOC (EC)</b>	0.00 %
<b>Solids content:</b>	100.0 %
<b>Change in condition</b>	
<b>Evaporation rate</b>	Not determined.
<b>Information with regard to physical hazard classes</b>	
<b>Explosives</b>	Void
<b>Flammable gases</b>	Void
<b>Aerosols</b>	Void
<b>Oxidising gases</b>	Void
<b>Gases under pressure</b>	Void
<b>Flammable liquids</b>	Void
<b>Flammable solids</b>	Void
<b>Self-reactive substances and mixtures</b>	Void
<b>Pyrophoric liquids</b>	Void
<b>Pyrophoric solids</b>	Void
<b>Self-heating substances and mixtures</b>	Void
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
<b>Oxidising liquids</b>	Void
<b>Oxidising solids</b>	Void
<b>Organic peroxides</b>	Void
<b>Corrosive to metals</b>	Void
<b>Desensitised explosives</b>	Void

## 10 STABILITY AND REACTIVITY

**Reactivity:** No further relevant information available.

**Chemical stability**

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**Possibility of hazardous reactions:** No dangerous reactions known.

**Conditions to avoid** No further relevant information available.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** No dangerous decomposition products known.

## 11 TOXICOLOGICAL INFORMATION

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

**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.

**Information on other hazards**

**Endocrine disrupting properties:** None of the ingredients is listed.

## 12 ECOLOGICAL INFORMATION

**Toxicity**

**Aquatic toxicity:** No further relevant information available.

**Persistence and degradability** No further relevant information available.

**Bioaccumulative potential** No further relevant information available.

**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** Based on available data, the classification criteria are not met.  
**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.  
**Information on other hazards**  
**Endocrine disrupting properties:** None of the ingredients is listed.

## 12 ECOLOGICAL INFORMATION

### Toxicity

**Aquatic toxicity:** No further relevant information available.  
**Persistence and degradability** No further relevant information available.  
**Bioaccumulative potential** No further relevant information available.  
**Mobility in soil** No further relevant information available.  
**Results of PBT and vPvB assessment**  
**PBT:** Not applicable.  
**vPvB:** Not applicable.  
**Endocrine disrupting properties**  
 The product does not contain substances with endocrine disrupting properties.  
**Other adverse effects**  
**Additional ecological information:**  
**General notes:**  
 Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
 Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## 13 DISPOSAL CONSIDERATIONS

**Waste treatment methods**  
**Recommendation** Smaller quantities can be disposed of with household waste.  
**European waste catalogue**  
 08 04 09\* waste adhesives and sealants containing organic solvents or other hazardous substances  
**Uncleaned packaging:**  
**Recommendation:** Disposal must be made according to official regulations.

## 14 TRANSPORT INFORMATION

<b>UN number or ID number</b> ADR, ADN, IMDG, IATA	not regulated
<b>UN proper shipping name</b> ADR, ADN, IMDG, IATA	not regulated
<b>Transport hazard class(es)</b> ADR, ADN, IMDG, IATA Class	not regulated
<b>Packing group</b> ADR, IMDG, IATA	not regulated
<b>Environmental hazards:</b>	not applicable
<b>Special precautions for user</b>	not applicable

**Maritime transport in bulk according to IMO instruments**

not applicable

**UN "Model Regulation":**

not regulated

## 15 Regulatory information

**Directive 2004/42/EC**

**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: 52a

**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.

**Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

**Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

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

## 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

H226 Flammable liquid and vapour.

**Department issuing SDS:** Abteilung Arbeitssicherheit und Umweltschutz

**Contact:** Tilman Sehlen

**Version number of previous version:** 1.0

### Abbreviations and acronyms:

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

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

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)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids – Category 3

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



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

#### Product identifier

<b>Trade name</b>	H 44 Komp. B
<b>Article number</b>	300941
<b>UFI</b>	KGA0-W0YF-R00G-H67K

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

##### Sector of Use

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites  
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

##### Product category

PC9a povrchové materiály a barvy, ředidla, odstraňovače povrchových materiálů

##### Process category

PROC4 Chemical production where opportunity for exposure arises  
PROC10 Roller application or brushing  
PROC13 Treatment of articles by dipping and pouring

##### Environmental release category

ERC5 Use at industrial site leading to inclusion into/onto article  
ERC6a Use of intermediate

##### Article category

AC2 Machinery, mechanical appliances, electrical/electronic articles

##### Application of the substance / the mixture

Coating material

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

<b>Manufacturer/Supplier:</b>	Lackwerke Peters GmbH & Co.KG
<b>Address:</b>	Hooghe Weg 13, 47906 KEMPEN, Germany
<b>Email:</b>	peters@peters.de

#### Further information obtainable from

Arbeitssicherheit und Umweltschutz (workplace safety / environmental protection)

#### Emergency telephone number

During normal office hours (8 - 16h CET): +49 - 21 52 - 20 09 0

### 2 HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS07

Acute Tox. 4 H332 Harmful if inhaled.  
Skin Irrit. 2 H315 Causes skin irritation.  
Skin Sens. 1 H317 May cause an allergic skin reaction.  
STOT SE 3 H335 May cause respiratory irritation.

#### Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

## Hazard pictograms



GHS07

**Signal word** Warning

**Hazard-determining components of labelling:**

Polyfunctional isocyanate, derived from hexamethylen-1,6-diisocyanate  
hexamethylene-di-isocyanate

**Hazard statements**

H332 Harmful if inhaled.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

**Precautionary statements**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves.

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

P312 Call a POISON CENTER/doctor if you feel unwell.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Other hazards**

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

### Mixtures

**Description** Mixture of substances listed below with nonhazardous additions.

Dangerous components		
NLP: 500-060-2	Polyfunctional isocyanate, derived from hexamethylen-1,6-diisocyanate Acute Tox. 4, H332; Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	1 - 2,5%
CAS: 822-06-0 EINECS: 212-485-8 Index number: 615-011-00-1	hexamethylene-di-isocyanate d~ Acute Tox. 3, H311; Acute Tox. 3, H331; d~ Resp. Sens. 1, H334; d~ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335, EUH204 Specific concentration limits: Resp. Sens. 1; H334: C ≥ 0.5 % Skin Sens. 1; H317: C ≥ 0.5 %	<0.1%

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

## 4 FIRST AID MEASURES

### Description of first aid measures

**General information:**

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Take affected persons out of danger area and lay down.

**After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

**After skin contact:** Immediately wash with water and soap and rinse thoroughly.

**After eye contact:** Rinse opened eye for several minutes under running water.

**After swallowing:** If symptoms persist consult doctor.



**Most important symptoms and effects, both acute and delayed** No further relevant information available.

**Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

## 5 Firefighting measures

### Extinguishing media

**Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

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

**Advice for firefighters**

**Protective equipment:** Mouth respiratory protective device.

## 6 Accidental release measures

**Personal precautions, protective equipment and emergency procedures** Not required.

**Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

**Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

**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.

## 7 Handling and storage

### Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

**Information about fire - and explosion protection:** No special measures required.

**Conditions for safe storage, including any incompatibilities**

**Storage:**

**Requirements to be met by storerooms and receptacles:** No special requirements.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** Keep container tightly sealed.

**Storage class:** 10

**Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

### 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 the making were used as basis.

**Exposure controls**

**Appropriate engineering controls** No further data; see section 7.

**Individual protection measures, such as personal protective equipment**

**General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

**Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

**Hand protection:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

#### **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks 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 found out by the manufacturer of the protective gloves and has to be observed.

**Eye/face protection** Goggles recommended during refilling

## **9 Physical and chemical properties**

### **Information on basic physical and chemical properties**

#### **General Information**

##### **Physical state**

Fluid

##### **Colour:**

Colourless

##### **Odour:**

Product specific

##### **Odour threshold:**

Not determined

##### **Melting point/freezing point:**

Undetermined

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

Undetermined.

##### **Flammability**

Not applicable

##### **Lower and upper explosion limit**

##### **Lower:**

Not determined.

##### **Upper:**

Not determined.

##### **Flash point:**

>170 °C

##### **Decomposition temperature:**

Not determined.

##### **pH**

Mixture is non-polar/aprotic.

##### **Viscosity:**

##### **Kinematic viscosity**

Not determined.

##### **Dynamic at 20°C:**

400 mPas

##### **Solubility**

##### **water:**

Not miscible or difficult to mix.

##### **Partition coefficient n-octanol/water (log value)**

Not determined.

##### **Vapour pressure:**

Not determined.

##### **Density and/or relative density**

##### **Density at 20 °C:**

1.1 g/cm<sup>3</sup>

##### **Vapour density**

Not determined.

#### **Other information**

##### **Appearance:**

##### **Form:** Fluid

#### **Important information on protection of health and environment, and on safety.**

##### **Ignition temperature:**

Product is not selfigniting.

##### **Explosive properties:**

Product does not present an explosion hazard.

##### **Solvent content:**

##### **VOC (EC)**

0.00 %

##### **Solids content:**

100.0 %

##### **Change in condition**

##### **Evaporation rate**

Not determined.

#### **Information with regard to physical hazard classes**

##### **Explosives**

Void

##### **Flammable gases**

Void

##### **Aerosols**

Void

##### **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

## 10 Stability and reactivity

**Reactivity** No further relevant information available.

**Chemical stability**

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**Possibility of hazardous reactions** No dangerous reactions known.

**Conditions to avoid** No further relevant information available.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

**Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute toxicity** Harmful if inhaled.

**LD/LC50 values relevant for classification:**

**822-06-0 hexamethylene-di-isocyanate**

Oral LD50 738 mg/kg (rat)

Dermal LD50 593 mg/kg (rat)

**Skin corrosion/irritation** Causes skin irritation.

**Serious eye damage/irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation** May cause an allergic skin reaction.

**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** May cause respiratory irritation.

**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.

**Information on other hazards**

**Endocrine disrupting properties**

None of the ingredients is listed.

## 12 Ecological information

**Toxicity**

**Aquatic toxicity:** No further relevant information available.

**Persistence and degradability** No further relevant information available.

**Bioaccumulative potential** No further relevant information available.

**Mobility in soil** No further relevant information available.

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

**Other adverse effects****Additional ecological information:****General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## 13 Disposal considerations

**Waste treatment methods****Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

**European waste catalogue**

08 05 01\* waste isocyanates

**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

**UN number or ID number**

ADR, ADN, IMDG, IATA

not regulated

**UN proper shipping name**

ADR, ADN, IMDG, IATA

not regulated

**Transport hazard class(es)**

ADR, ADN, IMDG, IATA

Class

not regulated

**Packing group**

ADR, IMDG, IATA

not regulated

**Environmental hazards:**

not applicable

**Special precautions for user**

not applicable

**Maritime transport in bulk according to IMO instruments**

not applicable

**UN "Model Regulation":**

not regulated

## 15 Regulatory information

**Directive 2004/42/EC****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, 74

**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.

**Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

**Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

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

## 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.  
 H311 Toxic in contact with skin.  
 H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H319 Causes serious eye irritation.  
 H331 Toxic if inhaled.  
 H332 Harmful if inhaled.  
 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
 H335 May cause respiratory irritation.  
 EUH204 Contains isocyanates. May produce an allergic reaction.

**Department issuing SDS:** Abteilung Arbeitssicherheit und Umweltschutz

**Contact:** Tilman Sehlen

**Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (Agreement Concerning the International Carriage of Dangerous Goods by Road)  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 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)  
 VOC: Volatile Organic Compounds (USA, EU)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative  
 Acute Tox. 3: Acute toxicity – Category 3  
 Acute Tox. 4: Acute toxicity – Category 4  
 Skin Irrit. 2: Skin corrosion/irritation – Category 2  
 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
 Resp. Sens. 1: Respiratory sensitisation – Category 1  
 Skin Sens. 1: Skin sensitisation – Category 1  
 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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