

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**VOSSCHEMIE**

## PU-SYSTEM H200-AT (A-Komponente)

Version		Revision Date:	Date of last issue: 23.06.2022
1.1	DE / EN	24.11.2023	Date of first issue: 23.06.2022

---

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

#### 1.1 Product identifier

Trade name : PU-SYSTEM H200-AT (A-Komponente)  
Product code : 126.339

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

Use of the Sub-  
stance/Mixture : Resins  
Recommended restrictions : Industrial use, professional use, public use  
on use

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

Company : Vosschemie GmbH  
Esinger Steinweg 50  
25436 Uetersen  
Germany  
info@vosschemie.de  
Telephone : 04122 717 0  
Telefax : 04122 717158  
**Responsible Department** : Laboratory  
04122 717 0  
sds@vosschemie.de

#### 1.4 Emergency telephone

Telephone : Giftinformationszentrum (GIZ)-Nord,  
Göttingen, Deutschland  
0551 19240

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

VOSSCHEMIE

## PU-SYSTEM H200-AT (A-Komponente)

Version  
1.1

DE / EN

Revision Date:  
24.11.2023

Date of last issue: 23.06.2022  
Date of first issue: 23.06.2022

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Acute toxicity, Category 4

H302: Harmful if swallowed.

Skin irritation, Category 2

H315: Causes skin irritation.

Eye irritation, Category 2

H319: Causes serious eye irritation.

#### 2.2 Label elements

##### Labeling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal Word : Warning

Hazard Statements : H302 Harmful if swallowed.  
H315 Causes skin irritation.  
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.

##### Prevention:

P280 Wear protective gloves/ eye protection/ face protection.

##### Response:

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth.

P302 + P352 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.

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

##### Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

##### Hazardous ingredients which must be listed on the label:

polypropylene glycol

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

VOSSCHEMIE

## PU-SYSTEM H200-AT (A-Komponente)

Version  
1.1

DE / EN

Revision Date:  
24.11.2023

Date of last issue: 23.06.2022  
Date of first issue: 23.06.2022

cyclohexyldimethylamine

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical nature : Mixture

#### Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
polypropylene glycol	25322-69-4 500-039-8	Acute Tox. 4; H302  Acute toxicity estimate  Acute oral toxicity: 500,05 mg/kg	>= 20 - < 30
cyclohexyldimethylamine	98-94-2 202-715-5 01-2119533030-60	Flam. Liq. 3; H226 Acute Tox. 3; H301 Acute Tox. 3; H331 Acute Tox. 3; H311 Skin Corr. 1B; H314 Eye Dam. 1; H318 Aquatic Chronic 3; H412  Acute toxicity estimate  Acute oral toxicity: 272 mg/kg Acute inhalation toxicity (vapor): 5,855 mg/l Acute dermal toxicity: 380 mg/kg	>= 1 - < 2,5

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**VOSSCHEMIE**

## PU-SYSTEM H200-AT (A-Komponente)

Version	Revision Date:	Date of last issue: 23.06.2022
1.1 DE / EN	24.11.2023	Date of first issue: 23.06.2022

---

For explanation of abbreviations see section 16.

---

### SECTION 4: First aid measures

#### 4.1 Description of first-aid measures

- General advice : First aider needs to protect himself.  
Remove from exposure, lie down.  
Symptoms of poisoning may appear several hours later.  
Victim to lie down in the recovery position, cover and keep him warm.  
Take off all contaminated clothing immediately.
- If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention.
- In case of skin contact : Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.  
If symptoms persist, call a physician.
- In case of eye contact : Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention.
- If swallowed : Rinse mouth.  
Do NOT induce vomiting.  
Call a physician immediately.

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

- Risks : Harmful if swallowed.  
Causes skin irritation.  
Causes serious eye irritation.

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

- Treatment : Treat symptomatically.
- 

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

- Suitable extinguishing media : Carbon dioxide (CO<sub>2</sub>)  
Dry powder  
Water spray jet  
Alcohol-resistant foam
- Unsuitable extinguishing media : High volume water jet

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

- Specific hazards during fire : Build-up of dangerous/toxic fumes possible in cases of

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**VOSSCHEMIE**

## PU-SYSTEM H200-AT (A-Komponente)

Version	Revision Date:	Date of last issue: 23.06.2022
1.1 DE / EN	24.11.2023	Date of first issue: 23.06.2022

---

fighting fire/high temperature.

### 5.3 Advice for firefighters

- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.
- Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- 

## SECTION 6: Accidental release measures

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

- Personal precautions : Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes and clothing. Use personal protective equipment. Material can create slippery conditions. Contaminated surfaces will be extremely slippery.

### 6.2 Environmental precautions

- Environmental precautions : Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

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

- Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For disposal considerations see section 13., For personal protection see section 8.

---

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

- Advice on safe handling : Keep container closed when not in use. Avoid contact with eyes. Avoid breathing vapors, mist or gas. Provide sufficient air exchange and/or exhaust in work rooms. Do not get on skin or clothing.
- Advice on protection against fire and explosion : Keep away from open flames, hot surfaces and sources of ignition.
-

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

VOSSCHEMIE

## PU-SYSTEM H200-AT (A-Komponente)

Version 1.1 DE / EN Revision Date: 24.11.2023 Date of last issue: 23.06.2022  
Date of first issue: 23.06.2022

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

- Requirements for storage areas and containers : Store in original container.
- Advice on common storage : Keep away from food and drink.  
Do not store near acids.  
Incompatible with oxidizing agents.
- Storage class (TRGS 510) : 10
- Further information on storage stability : Protect from frost.

### 7.3 Specific end use(s)

- Specific use(s) : No data available

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Glycerol	56-81-5	AGW (Inhalable fraction)	200 mg/m <sup>3</sup>	DE TRGS 900
Peak-limit category: 2;(I)				
Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child				

#### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Routes of exposure	Potential health effects	Value
cyclohexyldimethylamine	Workers	Inhalation	Long-term systemic effects	0,53 mg/m <sup>3</sup>
	Workers	Inhalation	Long-term local effects, Acute local effects	8,3 mg/m <sup>3</sup>
	Workers	Skin contact	Long-term systemic effects	0,6 mg/kg

#### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
cyclohexyldimethylamine	Fresh water	0,0035 mg/l
	Sea water	0,00035 mg/l
	Sewage treatment plant (STP)	20,6 mg/l
	Fresh water sediment	0,0369 mg/kg
	Sea sediment	0,00369 mg/kg
	Soil	0,00533 mg/kg

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**VOSSCHEMIE**

## PU-SYSTEM H200-AT (A-Komponente)

Version	Revision Date:	Date of last issue: 23.06.2022
1.1 DE / EN	24.11.2023	Date of first issue: 23.06.2022

---

### 8.2 Exposure controls

#### Personal protective equipment

- Eye/face protection : Safety glasses with side-shields conforming to EN166
- Hand protection
- Material : Nitrile rubber
  - Break through time : > 480 min
  - Glove thickness :  $\geq 0,35$  mm
  - Directive : DIN EN 374
  - Protective index : Class 6
- Remarks : Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. The data about break through time/strength of material are standard values! The exact break through time/strength of material has to be obtained from the producer of the protective glove. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Preventive skin protection
- Skin and body protection : Please wear suitable protective clothing, e.g. made of cotton or heat-resistant synthetic fibres.  
Long sleeved clothing
- Respiratory protection : Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release (dust).  
Respirator with combination filter for vapor/particulate (EN 141)
- Protective measures : Ensure that eye flushing systems and safety showers are located close to the working place.  
Avoid contact with the skin and the eyes.  
Wear suitable protective equipment.  
Follow the skin protection plan.  
Handle in accordance with good industrial hygiene and safety practice.

---

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Physical state : liquid
- Color : yellow
- Odor : amine-like
- Melting point/freezing point : not determined
- Boiling point/boiling range : > 100 °C

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**VOSSCHEMIE**

## PU-SYSTEM H200-AT (A-Komponente)

Version	Revision Date:	Date of last issue: 23.06.2022
1.1 DE / EN	24.11.2023	Date of first issue: 23.06.2022

---

Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	> 100 °C
Autoignition temperature	:	No data available
pH	:	9,5 - 11,5 Concentration: 10 % (as a dispersion)
Viscosity		
Viscosity, dynamic	:	2.000 mPa.s (20 °C)
Viscosity, kinematic	:	not determined
Solubility(ies)		
Water solubility	:	partly miscible
Partition coefficient: n-octanol/water	:	No data available
Vapor pressure	:	No data available
Density	:	ca. 1,1 g/cm <sup>3</sup> (20 °C)

### 9.2 Other information

Explosives	:	Not explosive
Self-ignition	:	not auto-flammable

---

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if used as directed.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions	:	Polymerization can occur. Incompatible with acids. Incompatible with oxidizing agents.
---------------------	---	--

### 10.4 Conditions to avoid

Conditions to avoid	:	Protect from frost.
---------------------	---	---------------------



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

VOSSCHEMIE

## PU-SYSTEM H200-AT (A-Komponente)

Version	Revision Date:	Date of last issue: 23.06.2022
1.1 DE / EN	24.11.2023	Date of first issue: 23.06.2022

---

### 10.5 Incompatible materials

Materials to avoid : Oxidizing agents  
Acids

### 10.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions.  
Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

---

## SECTION 11: Toxicological information

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

#### Acute toxicity

Harmful if swallowed.

#### Product:

Acute oral toxicity : Acute toxicity estimate: 1.511 mg/kg  
Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate: > 20 mg/l  
Exposure time: 4 h  
Test atmosphere: vapor  
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 2.000 mg/kg  
Method: Calculation method

#### Components:

##### **polypropylene glycol:**

Acute oral toxicity : LD50 Oral (Rat): > 500 - < 2.000 mg/kg

Acute dermal toxicity : LD50 Dermal (Rabbit): > 3.000 mg/kg  
Method: OECD Test Guideline 402

##### **cyclohexyldimethylamine:**

Acute oral toxicity : LD50 Oral (Rat): 272 - 289 mg/kg

Acute inhalation toxicity : LC50 (Rat): < 11,71 mg/l  
Exposure time: 1 h  
Test atmosphere: vapor  
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 Dermal (Rat): 380 mg/kg  
Method: OECD Test Guideline 402

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

Causes skin irritation.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

VOSSCHEMIE

## PU-SYSTEM H200-AT (A-Komponente)

Version

1.1

DE / EN

Revision Date:

24.11.2023

Date of last issue: 23.06.2022

Date of first issue: 23.06.2022

### Components:

#### **polypropylene glycol:**

Species : Rabbit  
Assessment : No skin irritation  
Method : OECD Test Guideline 404

#### **cyclohexyldimethylamine:**

Result : Corrosive after 3 minutes to 1 hour of exposure

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

Causes serious eye irritation.

### Components:

#### **polypropylene glycol:**

Species : Rabbit  
Assessment : No eye irritation  
Method : OECD Test Guideline 405

### **Respiratory or skin sensitization**

#### **Skin sensitization**

Not classified based on available information.

#### **Respiratory sensitization**

Not classified based on available information.

### Components:

#### **polypropylene glycol:**

Test Type : Local lymph node assay (LLNA)  
Routes of exposure : Skin contact  
Species : Mouse  
Assessment : Does not cause skin sensitization.  
Method : OECD Test Guideline 429  
Result : negative

### **Germ cell mutagenicity**

Not classified based on available information.

### Components:

#### **polypropylene glycol:**

Genotoxicity in vitro : Test Type: Microbial mutagenesis assay (Ames test)  
Method: OECD Test Guideline 471  
Result: Not mutagenic in Ames Test.

Test Type: In vitro mammalian cell gene mutation test  
Test system: Chinese hamster cells  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 476

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**VOSSCHEMIE**

## PU-SYSTEM H200-AT (A-Komponente)

Version  
1.1

DE / EN

Revision Date:  
24.11.2023

Date of last issue: 23.06.2022  
Date of first issue: 23.06.2022

---

Result: negative

Test Type: Chromosome aberration test in vitro  
Test system: Human lymphocytes  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 473  
Result: negative

### **Carcinogenicity**

Not classified based on available information.

#### **Components:**

##### **polypropylene glycol:**

Remarks : This information is not available.

### **Reproductive toxicity**

Not classified based on available information.

#### **Components:**

##### **polypropylene glycol:**

Effects on fertility : Species: Rat, male and female  
Application Route: Oral  
Dose: 0 - 100 - 300 - 1000 milligram per kilogram  
Duration of Single Treatment: 14 d  
General Toxicity Parent: NOAEL: 1.000 mg/kg body weight  
General Toxicity F1: NOAEL: 1.000 mg/kg body weight  
Fertility: NOAEL: 1.000 mg/kg body weight  
Method: OECD Test Guideline 421  
Result: negative  
Remarks: Fertility and developmental toxicity tests did not reveal any effect on reproduction.

Effects on fetal development : Species: Rat, female  
Application Route: Oral  
Dose: 0 - 100 - 300 - 1000 milligram per kilogram  
Duration of Single Treatment: 58 d  
General Toxicity Maternal: NOAEL: 1.000 mg/kg body weight  
Developmental Toxicity: NOAEL: 1.000 mg/kg body weight  
Method: OECD Test Guideline 421  
Result: negative

### **STOT-single exposure**

Not classified based on available information.

### **STOT-repeated exposure**

Not classified based on available information.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**VOSSCHEMIE**

## PU-SYSTEM H200-AT (A-Komponente)

Version 1.1 DE / EN Revision Date: 24.11.2023 Date of last issue: 23.06.2022  
Date of first issue: 23.06.2022

---

### Repeated dose toxicity

#### Components:

##### polypropylene glycol:

Species : Rat, male and female  
NOAEL :  $\geq 1000$  mg/kg  
Application Route : Oral  
Exposure time : 4 w  
Number of exposures : daily  
Dose : 0 - 100 - 300 - 1000 mg/kg  
Method : OECD Test Guideline 407

### Aspiration toxicity

Not classified based on available information.

## 11.2 Information on other hazards

### Endocrine disrupting properties

#### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

---

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Components:

##### polypropylene glycol:

Toxicity to fish : LC50 (Poecilia reticulata (guppy)):  $> 100$  mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)):  $> 100$  mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants : EC0 (Desmodesmus subspicatus (green algae)):  $\geq 100$  mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

Toxicity to microorganisms : EC50 (Bacteria):  $> 1.000$  mg/l  
Exposure time: 3 h  
Method: OECD Test Guideline 209

Toxicity to daphnia and other aquatic invertebrates (Chron- : NOEC:  $\geq 10$  mg/l  
End point: mortality

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

VOSSCHEMIE

## PU-SYSTEM H200-AT (A-Komponente)

Version	Revision Date:	Date of last issue:
1.1 DE / EN	24.11.2023	23.06.2022
		Date of first issue: 23.06.2022

ic toxicity) Exposure time: 21 d  
Species: Daphnia magna (Water flea)  
Method: OECD Test Guideline 211

### cyclohexyldimethylamine:

Toxicity to fish : LC50 (Leuciscus idus (Golden orfe)): 31,58 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia magna (Water flea)): 75 mg/l  
End point: mortality  
Exposure time: 48 h  
Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants : EC50 (Desmodesmus subspicatus (green algae)): > 2 mg/l  
End point: Growth rate  
Exposure time: 72 h  
Method: OECD Test Guideline 201

Toxicity to microorganisms : EC50 (Pseudomonas putida): 206 mg/l  
End point: Growth rate  
Exposure time: 17 h  
Method: DIN 38 412 Part 8

### Ecotoxicology Assessment

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

## 12.2 Persistence and degradability

### Components:

#### polypropylene glycol:

Biodegradability : Biodegradation: > 60 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301F

Photodegradation : Test Type: Air  
Sensitizer: OH  
Concentration: 500.000 1/cm<sup>3</sup>  
Remarks: Decomposes rapidly in contact with light.

#### cyclohexyldimethylamine:

Biodegradability : Biodegradation: 90 - 100 %  
Exposure time: 18 d  
Method: OECD Test Guideline 301A

## 12.3 Bioaccumulative potential

### Components:

#### cyclohexyldimethylamine:

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**VOSSCHEMIE**

## PU-SYSTEM H200-AT (A-Komponente)

Version	Revision Date:	Date of last issue: 23.06.2022
1.1 DE / EN	24.11.2023	Date of first issue: 23.06.2022

---

Bioaccumulation : Bioconcentration factor (BCF): 19,84 - 35,66

Partition coefficient: n-octanol/water : log Pow: 2,31 (25 °C)

### 12.4 Mobility in soil

#### Components:

##### **polypropylene glycol:**

Distribution among environmental compartments : Medium: Soil  
Koc: 1 - 10, log Koc: 0 - 1  
Remarks: Highly mobile in soils

### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Endocrine disrupting properties

#### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### 12.7 Other adverse effects

#### Product:

Additional ecological information : No data available

---

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : Dispose of in accordance with local regulations.  
Send to a licensed waste management company.

Contaminated packaging : Packaging that is not properly emptied must be disposed of as the unused product.  
Dispose of in accordance with local regulations.

Waste Code : The following Waste Codes are only suggestions:  
07 02 08, other still bottoms and reaction residues

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

VOSSCHEMIE

## PU-SYSTEM H200-AT (A-Komponente)

Version		Revision Date:	Date of last issue: 23.06.2022
1.1	DE / EN	24.11.2023	Date of first issue: 23.06.2022

---

### SECTION 14: Transport information

#### 14.1 UN number or ID number

ADN	:	Not regulated as a dangerous good
ADR	:	Not regulated as a dangerous good
RID	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
IATA	:	Not regulated as a dangerous good

#### 14.2 UN proper shipping name

ADN	:	Not regulated as a dangerous good
ADR	:	Not regulated as a dangerous good
RID	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
IATA	:	Not regulated as a dangerous good

#### 14.3 Transport hazard class(es)

ADN	:	Not regulated as a dangerous good
ADR	:	Not regulated as a dangerous good
RID	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
IATA	:	Not regulated as a dangerous good

#### 14.4 Packing group

ADN	:	Not regulated as a dangerous good
ADR	:	Not regulated as a dangerous good
RID	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
IATA (Cargo)	:	Not regulated as a dangerous good
IATA (Passenger)	:	Not regulated as a dangerous good

#### 14.5 Environmental hazards

Not regulated as a dangerous good

#### 14.6 Special precautions for user

Not applicable

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

Not applicable for product as supplied.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

VOSSCHEMIE

## PU-SYSTEM H200-AT (A-Komponente)

Version	Revision Date:	Date of last issue: 23.06.2022
1.1 DE / EN	24.11.2023	Date of first issue: 23.06.2022

### SECTION 15: Regulatory information

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Conditions of restriction for the following entries should be considered: Number on list 3

REACH - Candidate List of Substances of Very High Concern for Authorization (Article 59). : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. : Not applicable

Water hazard class (Germany) : WGK 2 obviously hazardous to water  
Classification according to AwSV, Annex 1 (5.2)

#### 15.2 Chemical Safety Assessment

A chemical safety assessment according to (EC) regulation 1907/2006 (REACH) has not been carried out for this product.

### SECTION 16: Other information

#### Full text of H-Statements

H226 : Flammable liquid and vapor.  
H301 : Toxic if swallowed.  
H302 : Harmful if swallowed.  
H311 : Toxic in contact with skin.  
H314 : Causes severe skin burns and eye damage.  
H318 : Causes serious eye damage.  
H331 : Toxic if inhaled.  
H412 : Harmful to aquatic life with long lasting effects.

#### Full text of other abbreviations

Acute Tox. : Acute toxicity  
Aquatic Chronic : Long-term (chronic) aquatic hazard  
Eye Dam. : Serious eye damage  
Flam. Liq. : Flammable liquids



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**VOSSCHEMIE**

## PU-SYSTEM H200-AT (A-Komponente)

Version	Revision Date:	Date of last issue: 23.06.2022
1.1 DE / EN	24.11.2023	Date of first issue: 23.06.2022

Skin Corr. : Skin corrosion  
DE TRGS 900 : Germany. TRGS 900 - Occupational exposure limit values.  
DE TRGS 900 / AGW : Time Weighted Average

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

### Further information

#### Classification of the mixture:

Acute Tox. 4	H302
Skin Irrit. 2	H315
Eye Irrit. 2	H319

#### Classification procedure:

Calculation method
Calculation method
Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**VOSSCHEMIE**

## PU-SYSTEM H200-AT (A-Komponente)

Version

1.1

DE / EN

Revision Date:

24.11.2023

Date of last issue: 23.06.2022

Date of first issue: 23.06.2022

---

DE / EN