

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## DisboPUR 921 PHS Comp. A

|         |                |            |                                 |
|---------|----------------|------------|---------------------------------|
| Version | Revision Date: | Print Date | Date of last issue: 15.11.2019  |
| 2.0     | 17.06.2021     | 18.06.2021 | Date of first issue: 15.11.2019 |

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

#### 1.1 Product identifier

Trade name : DisboPUR 921 PHS Comp. A

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

Use of the Substance/Mixture : Polyurethane-resin-based coating material, solvent-containing

Recommended restrictions on use : within adequate application - none

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

Company : Disbon GmbH  
Roßdörfer Straße 50  
64372 Ober-Ramstadt

Telephone : +496154710  
Telefax : +4961547170222  
E-mail address Responsible/issuing person : msds@dr-rmi.com

#### 1.4 Emergency telephone

Emergency telephone 1 : +49613284463 GBK GmbH

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

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

Skin sensitization, Category 1 H317: May cause an allergic skin reaction.

Long-term (chronic) aquatic hazard, Category 2 H411: Toxic to aquatic life with long lasting effects.

#### 2.2 Label elements

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

Hazard pictograms :



Signal Word : Warning

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## DisboPUR 921 PHS Comp. A

|         |                |            |                                 |
|---------|----------------|------------|---------------------------------|
| Version | Revision Date: | Print Date | Date of last issue: 15.11.2019  |
| 2.0     | 17.06.2021     | 18.06.2021 | Date of first issue: 15.11.2019 |

Hazard Statements : H317 May cause an allergic skin reaction.  
H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements : **Prevention:**  
P261 Avoid breathing mist or vapors.  
P262 Do not get in eyes, on skin, or on clothing.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ eye protection.

**Response:**  
P302 + P352 IF ON SKIN: Wash with plenty of water.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

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

6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine

### Additional Labeling

**EUH211** Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

## 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 based on amine compounds

#### Components

| Chemical name | CAS-No.<br>EC-No.<br>Index-No.<br>Registration number | Classification     | Concentration<br>(% w/w) |
|---------------|---|--------------------|--------------------------|
| 6-methyl-2,4- | 106264-79-3   | Acute Tox. 4; H302 | >= 10 - < 20             |

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## DisboPUR 921 PHS Comp. A

Version 2.0      Revision Date: 17.06.2021      Print Date 18.06.2021      Date of last issue: 15.11.2019  
Date of first issue: 15.11.2019

|   |  |  |                |
|---|--|--|----------------|
| bis(methylthio)phenylene-1,3-diamine  | 403-240-8<br>612-113-00-8<br>01-0000015292-76                                    | Skin Sens. 1; H317<br>Aquatic Acute 1;<br>H400<br>Aquatic Chronic 1;<br>H410<br><hr/> Acute toxicity estimate<br><br>Acute oral toxicity:<br>1.515 mg/kg |                |
| titanium dioxide  | 13463-67-7<br>236-675-5<br>022-006-00-2<br>01-2119489379-17                      | Carc. 2; H351  | >= 1 - < 10    |
| Solvent naphtha (petroleum), light arom.; Low boiling point naphtha - unspecified | 64742-95-6<br>265-199-0<br>649-356-00-4<br>01-2119455851-35,<br>01-2119486773-24 | STOT SE 3; H336<br>STOT SE 3; H335<br>Aquatic Chronic 2;<br>H411<br>Asp. Tox. 1; H304<br>Flam. Liq. 3; H226<br>EUH066                                    | >= 2,5 - < 10  |
| N-methyl-2-pyrrolidone  | 872-50-4<br>212-828-1<br>606-021-00-7<br>01-2119472430-46                        | Skin Irrit. 2; H315<br>Eye Irrit. 2; H319<br>Repr. 1B; H360D<br>STOT SE 3; H335<br><hr/> specific concentration limit<br>STOT SE 3; H335<br>>= 10 %      | >= 0,1 - < 0,3 |

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first-aid measures

General advice : Show this material safety data sheet to the doctor in attendance.  
When symptoms persist or in all cases of doubt seek medical advice.  
Move out of dangerous area.  
First aider needs to protect himself.  
Never give anything by mouth to an unconscious person.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## DisboPUR 921 PHS Comp. A

|         |                |            |                                 |
|---------|----------------|------------|---------------------------------|
| Version | Revision Date: | Print Date | Date of last issue: 15.11.2019  |
| 2.0     | 17.06.2021     | 18.06.2021 | Date of first issue: 15.11.2019 |

- If inhaled : If symptoms persist, call a physician.  
Move to fresh air.
- In case of skin contact : Do NOT use solvents or thinners.  
In case of contact, immediately flush skin with soap and plenty of water.  
Take off all contaminated clothing immediately.
- In case of eye contact : IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.  
If accidentally swallowed obtain immediate medical attention.  
If swallowed, DO NOT induce vomiting.

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

None known.

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

Treatment : No information available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Foam  
Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media : Water

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

Specific hazards during fire fighting : Cool closed containers exposed to fire with water spray.  
In case of fire hazardous decomposition products may be produced such as:  
Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

### 5.3 Advice for firefighters

Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## DisboPUR 921 PHS Comp. A

|         |                |            |                                 |
|---------|----------------|------------|---------------------------------|
| Version | Revision Date: | Print Date | Date of last issue: 15.11.2019  |
| 2.0     | 17.06.2021     | 18.06.2021 | Date of first issue: 15.11.2019 |

Standard procedure for chemical fires.  
In the event of fire and/or explosion do not breathe fumes.

### SECTION 6: Accidental release measures

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

Personal precautions : Do not get in eyes, on skin, or on clothing.  
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.  
Evacuate personnel to safe areas.  
Ensure adequate ventilation.

#### 6.2 Environmental precautions

Environmental precautions : Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.  
Do not flush into surface water or sanitary sewer system.

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

Methods for cleaning up : Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

#### 6.4 Reference to other sections

For further information see Section 7 of the safety data sheet.  
,For personal protection see section 8.,For disposal considerations see section 13.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.  
Avoid exceeding the given occupational exposure limits (see section 8).  
Contains isocyanates. Please, attend to producer's advice.  
Liquid product may irritate and sensitize skin and respiratory tract and may cause allergic reaction. Do not inhale vapours.  
Take care for sufficient fresh air supply during and after use.  
Product must not be sprayed. Allergics or persons tending to respiratory tract diseases must not be involved in operations with this product.

In addition, the current technical information for this product and its application on [www.caparol.com](http://www.caparol.com) must be observed.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## DisboPUR 921 PHS Comp. A

|         |                |            |                                 |
|---------|----------------|------------|---------------------------------|
| Version | Revision Date: | Print Date | Date of last issue: 15.11.2019  |
| 2.0     | 17.06.2021     | 18.06.2021 | Date of first issue: 15.11.2019 |

Advice on protection against fire and explosion : The product is flammable but not readily ignited.

Hygiene measures : Keep working clothes separately. Remove and wash contaminated clothing before re-use. Avoid contact with the skin and the eyes. Wash hands before eating, drinking, or smoking. Do not eat, drink or smoke when using this product.

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

Requirements for storage areas and containers : Store in original container. Store between 41 and 77 °F in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Storage class (TRGS 510) : 10, Combustible liquids

### 7.3 Specific end use(s)

Specific use(s) : This information is not 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       |
|------------------------|------------|---|--|-------------|
| titanium dioxide       | 13463-67-7 | AGW (Inhalable fraction)  | 10 mg/m <sup>3</sup><br>(Titanium dioxide)   | DE TRGS 900 |
|                        |            | Peak-limit category: 2;(II)   |  |             |
|                        |            | AGW (Alveolate fraction)  | 1,25 mg/m <sup>3</sup><br>(Titanium dioxide) | DE TRGS 900 |
|                        |            | Peak-limit category: 2;(II)   |  |             |
| N-methyl-2-pyrrolidone | 872-50-4   | TWA   | 10 ppm<br>40 mg/m <sup>3</sup>               | 2009/161/EU |
|                        |            | Further information: Identifies the possibility of significant uptake through the skin, Indicative  |  |             |
|                        |            | STEL  | 20 ppm<br>80 mg/m <sup>3</sup>               | 2009/161/EU |
|                        |            | Further information: Identifies the possibility of significant uptake through the skin, Indicative  |  |             |
|                        |            | AGW (Vapor)   | 20 ppm<br>82 mg/m <sup>3</sup>               | DE TRGS 900 |
|                        |            | Peak-limit category: 2;(I)  |  |             |
|                        |            | Further information: Skin absorption, When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child |  |             |

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## DisboPUR 921 PHS Comp. A

Version 2.0      Revision Date: 17.06.2021      Print Date: 18.06.2021      Date of last issue: 15.11.2019  
Date of first issue: 15.11.2019

### Biological occupational exposure limits

| Substance name         | CAS-No.  | Control parameters                                 | Sampling time                                     | Basis    |
|------------------------|----------|--|---|----------|
| N-methyl-2-pyrrolidone | 872-50-4 | 5-Hydroxy-N-methyl-2-pyrrolidone: 150 mg/l (Urine) | Immediately after exposure or after working hours | TRGS 903 |

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

| Substance name         | End Use      | Routes of exposure         | Potential health effects   | Value                   |
|------------------------|--------------|----------------------------|----------------------------|-------------------------|
| titanium dioxide       | Consumers    | Ingestion                  | Long-term systemic effects | 700,00 mg/kg bw/day     |
|                        | Workers      | Inhalation                 | Long-term local effects    | 10,00 mg/m <sup>3</sup> |
| N-methyl-2-pyrrolidone | Consumers    | Inhalation                 | Acute systemic effects     | 80,00 mg/m <sup>3</sup> |
|                        | Consumers    | Ingestion                  | Long-term systemic effects | 6,30 mg/kg bw/day       |
|                        | Consumers    | Skin contact               | Acute systemic effects     | 125,00 mg/kg bw/day     |
|                        | Consumers    | Skin contact               | Long-term systemic effects | 11,90 mg/kg bw/day      |
|                        | Consumers    | Ingestion                  | Acute systemic effects     | 26,00 mg/kg bw/day      |
|                        | Consumers    | Inhalation                 | Long-term systemic effects | 12,50 mg/m <sup>3</sup> |
|                        | Workers      | Inhalation                 | Acute systemic effects     | 80,00 mg/m <sup>3</sup> |
|                        | Workers      | Inhalation                 | Long-term systemic effects | 40,00 mg/m <sup>3</sup> |
| Workers                | Skin contact | Acute systemic effects     | 208,00 mg/kg bw/day        |                         |
|                        | Skin contact | Long-term systemic effects | 19,80 mg/kg bw/day         |                         |

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

| Substance name         | Environmental Compartment | Value                        |
|------------------------|---------------------------|------------------------------|
| titanium dioxide       | Sewage treatment plant    | 100 mg/l                     |
|                        | Fresh water               | 0,184 mg/l                   |
|                        | Soil                      | 100 mg/kg dry weight (d.w.)  |
|                        | Sea water                 | 0,0184 mg/l                  |
|                        | Fresh water sediment      | 1000 mg/kg dry weight (d.w.) |
|                        | Sea sediment              | 100 mg/kg dry weight (d.w.)  |
|                        | Intermittent use/release  | 0,193 mg/l                   |
| N-methyl-2-pyrrolidone | Sea sediment              | 0,142 mg/kg dry              |

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## DisboPUR 921 PHS Comp. A

Version 2.0      Revision Date: 17.06.2021      Print Date 18.06.2021      Date of last issue: 15.11.2019  
Date of first issue: 15.11.2019

|  |                          |                               |
|--|--------------------------|-------------------------------|
|  |                          | weight (d.w.)                 |
|  | Fresh water              | 0,25 mg/l                     |
|  | Intermittent use/release | 5 mg/l                        |
|  | Sewage treatment plant   | 10 mg/l                       |
|  | Sea water                | 0,025 mg/l                    |
|  | Secondary Poisoning      | 0,00167 g/kg food             |
|  | Fresh water sediment     | 1,42 mg/kg dry weight (d.w.)  |
|  | Soil                     | 0,138 mg/kg dry weight (d.w.) |

### 8.2 Exposure controls

#### Personal protective equipment

Eye protection : German trade association rules - BGR 192 Eye protection

Goggles

Hand protection

Material : butyl-rubber

Glove thickness : 0,3 mm

Protective index : Class 3

Wearing time : 30 min

Remarks : Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Before removing gloves clean them with soap and water. Wear suitable gloves tested to EN374.  
German trade association leaflet: Carry gloves (ZH 1/706)

Skin and body protection : Safety shoes  
Long sleeved clothing  
Remove and wash contaminated clothing before re-use.  
Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, disposable suits) to avoid exposed skin surfaces.

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Skin should be washed after contact.

Respiratory protection : When exceeding the WEL substance Limit a respiratory filter Type A is necessary. Class 1 or 2 has to be chosen depending on the workplace concentration.  
Do not use for spraying.

German trade association rules - BGR 190 Breathing protec-



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## DisboPUR 921 PHS Comp. A

|         |                |            |                                 |
|---------|----------------|------------|---------------------------------|
| Version | Revision Date: | Print Date | Date of last issue: 15.11.2019  |
| 2.0     | 17.06.2021     | 18.06.2021 | Date of first issue: 15.11.2019 |

tion

During spray application: Do not breathe spray dust. Use A2/P2 combination filter for paint spraying.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|  |   |                                   |
|--|---|-----------------------------------|
| Physical state                                   | : | liquid                            |
| Color  | : | No data available                 |
| Odor   | : | No data available                 |
| Odor Threshold                                   | : | Not relevant                      |
| Melting point/freezing point                     | : | not determined                    |
| Boiling point/boiling range                      | : | not determined                    |
| Upper explosion limit / Upper flammability limit | : | not determined                    |
| Lower explosion limit / Lower flammability limit | : | not determined                    |
| Flash point                                      | : | 71 °C                             |
| Autoignition temperature                         | : | not determined                    |
| Decomposition temperature                        | : | Not applicable                    |
| pH   | : | 6,95<br>Concentration: 10 %       |
| Viscosity  |   |                                   |
| Viscosity, dynamic                               | : | No data available                 |
| Viscosity, kinematic                             | : | > 20,5 mm <sup>2</sup> /s (40 °C) |
| Solubility(ies)                                  |   |                                   |
| Water solubility                                 | : | insoluble                         |
| Partition coefficient: n-octanol/water           | : | not determined                    |
| Vapor pressure                                   | : | not determined                    |

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## DisboPUR 921 PHS Comp. A

|         |                |            |                                 |
|---------|----------------|------------|---------------------------------|
| Version | Revision Date: | Print Date | Date of last issue: 15.11.2019  |
| 2.0     | 17.06.2021     | 18.06.2021 | Date of first issue: 15.11.2019 |

---

Relative density : not determined

Density : 1,176 g/cm<sup>3</sup>

Relative vapor density : not determined

### 9.2 Other information

Explosives : Not applicable

Oxidizing properties : Not applicable

Flammability (liquids) : Sustains combustion

Evaporation rate : Not applicable

---

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if stored and applied as directed.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : Amines and alcohols cause exothermic reactions.  
Mixture reacts slowly with water resulting in evolution of CO<sub>2</sub>.

### 10.4 Conditions to avoid

Conditions to avoid : Exposure to water vapor.  
Protect from frost, heat and sunlight.

### 10.5 Incompatible materials

Materials to avoid : Amines  
Incompatible with oxidizing agents.  
Incompatible with acids and bases.

### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## DisboPUR 921 PHS Comp. A

|         |                |            |                                 |
|---------|----------------|------------|---------------------------------|
| Version | Revision Date: | Print Date | Date of last issue: 15.11.2019  |
| 2.0     | 17.06.2021     | 18.06.2021 | Date of first issue: 15.11.2019 |

### SECTION 11: Toxicological information

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

##### Acute toxicity

###### Product:

Acute oral toxicity : Remarks: Based on available data, the classification criteria are not met.

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

Acute inhalation toxicity : Remarks: Based on available data, the classification criteria are not met.

Acute dermal toxicity : Remarks: Based on available data, the classification criteria are not met.

###### Components:

###### **6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine:**

Acute oral toxicity : Acute toxicity estimate: 1.515 mg/kg  
Method: Converted acute toxicity point estimate

###### **N-methyl-2-pyrrolidone:**

Acute oral toxicity : LD50 Oral (Rat): 3.600 mg/kg

Acute dermal toxicity : LD50 Dermal (Rabbit): 8.000 mg/kg

##### Skin corrosion/irritation

###### Product:

Remarks : According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

##### Serious eye damage/eye irritation

###### Product:

Remarks : According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

##### Respiratory or skin sensitization

###### Product:

Remarks : Causes sensitization.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## DisboPUR 921 PHS Comp. A

|         |                |            |                                 |
|---------|----------------|------------|---------------------------------|
| Version | Revision Date: | Print Date | Date of last issue: 15.11.2019  |
| 2.0     | 17.06.2021     | 18.06.2021 | Date of first issue: 15.11.2019 |

---

### 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

**Product:**

Toxicity to fish : Remarks: No data available

Toxicity to daphnia and other aquatic invertebrates : Remarks: No data available

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 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.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## DisboPUR 921 PHS Comp. A

|         |                |            |                                 |
|---------|----------------|------------|---------------------------------|
| Version | Revision Date: | Print Date | Date of last issue: 15.11.2019  |
| 2.0     | 17.06.2021     | 18.06.2021 | Date of first issue: 15.11.2019 |

### 12.7 Other adverse effects

**Product:**

Additional ecological information : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : Uncured product residues and unpurified packaging should be disposed of as hazardous waste.  
Waste should not be disposed of via wastewater.

Material residues: Allow the basic substance to harden with hardener and dispose of as paint waste.

Contaminated packaging : Only completely emptied containers should be given for recycling.

Waste Code : used product  
080111\*, waste paint and varnish containing organic solvents or other dangerous substances

## SECTION 14: Transport information

### 14.1 UN number or ID number

ADN : UN 3082

ADR : UN 3082

RID : UN 3082

IMDG : UN 3082

IATA : UN 3082

### 14.2 UN proper shipping name

ADN : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine, Solvent naphtha (petroleum), light arom.; Low boiling point naphtha - unspecified)

ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine, Solvent naphtha (petroleum), light arom.; Low boiling point naphtha - unspecified)

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## DisboPUR 921 PHS Comp. A

|         |                |            |                                 |
|---------|----------------|------------|---------------------------------|
| Version | Revision Date: | Print Date | Date of last issue: 15.11.2019  |
| 2.0     | 17.06.2021     | 18.06.2021 | Date of first issue: 15.11.2019 |

**RID** : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine, Solvent naphtha (petroleum), light arom.; Low boiling point naphtha - unspecified)

**IMDG** : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine, Solvent naphtha (petroleum), light arom.; Low boiling point naphtha - unspecified)

**IATA** : Environmentally hazardous substance, liquid, n.o.s.  
(6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine, Solvent naphtha (petroleum), light arom.; Low boiling point naphtha - unspecified)

### 14.3 Transport hazard class(es)

**ADN** : 9

**ADR** : 9

**RID** : 9

**IMDG** : 9

**IATA** : 9

### 14.4 Packing group

**ADN**

Packing group : III

Classification Code : M6

Hazard Identification Number : 90

Labels : 9

**ADR**

Packing group : III

Classification Code : M6

Hazard Identification Number : 90

Labels : 9

Tunnel restriction code : (-)

**RID**

Packing group : III

Classification Code : M6

Hazard Identification Number : 90

Labels : 9

**IMDG**

Packing group : III

Labels : 9

EmS Code : F-A, S-F

**IATA (Cargo)**

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## DisboPUR 921 PHS Comp. A

|         |                |            |                                 |
|---------|----------------|------------|---------------------------------|
| Version | Revision Date: | Print Date | Date of last issue: 15.11.2019  |
| 2.0     | 17.06.2021     | 18.06.2021 | Date of first issue: 15.11.2019 |

Packing instruction (cargo aircraft) : 964  
Packing instruction (LQ) : Y964  
Packing group : III  
Labels : Miscellaneous

### IATA (Passenger)

Packing instruction (passenger aircraft) : 964  
Packing instruction (LQ) : Y964  
Packing group : III  
Labels : Miscellaneous

## 14.5 Environmental hazards

### ADN

Environmentally hazardous : yes

### ADR

Environmentally hazardous : yes

### RID

Environmentally hazardous : yes

### IMDG

Marine pollutant : yes

### IATA (Passenger)

Environmentally hazardous : yes

### IATA (Cargo)

Environmentally hazardous : yes

## 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

## 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

## 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, preparations 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). : N-methyl-2-pyrrolidone

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## DisboPUR 921 PHS Comp. A

|         |                |            |                                 |
|---------|----------------|------------|---------------------------------|
| Version | Revision Date: | Print Date | Date of last issue: 15.11.2019  |
| 2.0     | 17.06.2021     | 18.06.2021 | Date of first issue: 15.11.2019 |

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) : None

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. E2 ENVIRONMENTAL HAZARDS

34 Petroleum products: (a) gasolines and naphthas, (b) kerosenes (including jet fuels), (c) gas oils (including diesel fuels, home heating oils and gas oil blending streams),(d) heavy fuel oils (e) alternative fuels serving the same purposes and with similar properties as regards flammability and environmental hazards as the products referred to in points (a) to (d)

Water hazard class (Germany) : 3 highly water endangering

. : PU60 PU systems, reaction component based on amines, harmful, sensitising

Volatile organic compounds : < 4 %  
< 70 g/l

### Other regulations:

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

## 15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this mixture.



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## DisboPUR 921 PHS Comp. A

|         |                |            |                                 |
|---------|----------------|------------|---------------------------------|
| Version | Revision Date: | Print Date | Date of last issue: 15.11.2019  |
| 2.0     | 17.06.2021     | 18.06.2021 | Date of first issue: 15.11.2019 |

### SECTION 16: Other information

#### Full text of H-Statements

H226 : Flammable liquid and vapor.  
H302 : Harmful if swallowed.  
H304 : May be fatal if swallowed and enters airways.  
H315 : Causes skin irritation.  
H317 : May cause an allergic skin reaction.  
H319 : Causes serious eye irritation.  
H335 : May cause respiratory irritation.  
H336 : May cause drowsiness or dizziness.  
H351 : Suspected of causing cancer if inhaled.  
H360D : May damage the unborn child.  
H400 : Very toxic to aquatic life.  
H410 : Very toxic to aquatic life with long lasting effects.  
H411 : Toxic to aquatic life with long lasting effects.  
EUH066 : Repeated exposure may cause skin dryness or cracking.

#### Full text of other abbreviations

Acute Tox. : Acute toxicity  
Aquatic Acute : Short-term (acute) aquatic hazard  
Aquatic Chronic : Long-term (chronic) aquatic hazard  
Asp. Tox. : Aspiration hazard  
Carc. : Carcinogenicity  
Eye Irrit. : Eye irritation  
Flam. Liq. : Flammable liquids  
Repr. : Reproductive toxicity  
Skin Irrit. : Skin irritation  
Skin Sens. : Skin sensitization  
STOT SE : Specific target organ toxicity - single exposure  
2009/161/EU : Europe. COMMISSION DIRECTIVE 2009/161/EU establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC  
DE TRGS 900 : Germany. TRGS 900 - Occupational exposure limit values.  
TRGS 903 : TRGS 903 - Biological limit values  
2009/161/EU / TWA : Limit Value - eight hours  
2009/161/EU / STEL : Short term exposure limit  
DE TRGS 900 / AGW : Time Weighted Average

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - 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; KECl - 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

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## DisboPUR 921 PHS Comp. A

|         |                |            |                                 |
|---------|----------------|------------|---------------------------------|
| Version | Revision Date: | Print Date | Date of last issue: 15.11.2019  |
| 2.0     | 17.06.2021     | 18.06.2021 | Date of first issue: 15.11.2019 |

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; TECL - 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

#### **Other information:**

No exposure scenario communication is required for this product according to REACH Regulation No. 1907/2006 EC.

Communication of Uses is not required in accordance with REACH Article 31(1)(a) - registered substances / mixtures do not meet the criteria for classification as hazardous in accordance with Regulations 1272/2008 EC or 1999/45/EC.

#### **Sources of key data used to compile the Material Safety Data Sheet:**

ECHA WebSite

ACGIH (American Conference of Government Industrial Hygienists). 2014 TLVs and BEIs.

Threshold Limit Values (TLVs) for chemical substances and physical agents and Biological Exposure Indices (BEIs) with Seventh Edition documentation. 2014 ACGIH, Cincinnati OH

NIOSH - Registry of toxic effects of chemical substances

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX'S - Dangerous properties of industrial materials

GESTIS - Database on hazardous substances - Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung (IFA, Institute for Occupational Safety and Health of the German Social Accident Insurance)

Toxnet - Toxicology Data Network

#### **Classification of the mixture:**

Skin Sens. 1                      H317

Aquatic Chronic 2                H411

#### **Classification procedure:**

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



## DisboPUR 921 PHS Comp. A

|         |                |            |                                 |
|---------|----------------|------------|---------------------------------|
| Version | Revision Date: | Print Date | Date of last issue: 15.11.2019  |
| 2.0     | 17.06.2021     | 18.06.2021 | Date of first issue: 15.11.2019 |

---

### REACH Information

According to our legal obligation we implement the Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). We will adjust and update our safety data sheets on a regular base in accordance with the information of our up-stream-suppliers. As usual we will inform you about the adjustments.

Regarding to the REACH regulation we would like to point out that DAW as a downstream user will not register on behalf of our company. We will rely on information from our suppliers. As soon as new information is available our safety data sheets will be amended accordingly.

DE / EN