

In accordance with Directive 1907/2006/EC, 2020/878

Version 6.5

Revision date : 02-06-2023

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Print date : 28-11-2024

Trade name: Aniline blue

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

### **1.1 Product identification :**

Product name: Aniline blue  
REACH Number: A registration number is not available for this substance because the substance or use is exempted from registration, the annual volume does not require registration or the registration is scheduled with a later registration deadline.

CAS No: 17354-14-2

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

Usage: Application for petroleum, wax dye.  
Recommended use restrictions: For industrial and professional use only.

### **1.3 Contact details of the supplier of the safety data sheet :**

Responsible distributor: ASSYST sprl / A.S.O.W. sprl  
Hellegatstraat 13a  
2590 Berlaar  
Belgium  
Tel: +32 495 50 61 14 / +32 496 83 70 27  
Website: [www.assyst.org](http://www.assyst.org) / [www.artsuppliesonweb.com](http://www.artsuppliesonweb.com)  
E-mail: [ao@assyst.org](mailto:ao@assyst.org) / [vera.opsommer@assyst.org](mailto:vera.opsommer@assyst.org)

### **1.4 Emergency phone number :**

For Belgium: Call the **Poison Control Centre (070 245 245 - free)**, if not available: **02 264 96 30** (normal rate) or your doctor. In life-threatening situations, always call the European emergency number **112**.  
NHS 24 Direct: For help from a GP, visit your GP surgery's website, use an online service to contact your GP, or call the surgery. **For urgent medical help**, use the NHS 111 online service, or **call 111** if you are unable to get help online. **For life-threatening emergencies, call 999** for an ambulance. There is more information about getting medical help on the NHS website.

## **SECTION 2: Hazard identification**

### **2.1 Classification of the substance or mixture :**

**Classification according to Directive (EC) No 1272/2008 and its amendments.**

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

### **2.2 Labelling elements :**

**Labelling in accordance with Regulation (EC) No 1272/2008 [CLP/GHS] :**

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

### **2.3 Other hazards :**

This substance/mixture does not contain any components that can be considered 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 believed 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 level 0.1% or higher.

#### **Toxicological information:**

The substance/mixture does not contain components believed 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 level 0.1% or higher.

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### **SECTION 3: Composition and information on ingredients**

#### **3.1 Substances :**

Synonyms: Solvent Blue 35  
Formula: C<sub>22</sub>H<sub>26</sub>N<sub>2</sub>O<sub>2</sub>  
Molecular weight: 350.45 g/mol  
CAS No: 17354-14-2  
EC No: 241-379-4

Specific composition due to applicable regulations not necessary to show

### **SECTION 4: First aid measures**

#### **4.1 Description of first aid measures :**

##### **By inhalation:**

After inhalation: fresh air.

##### **On contact with skin:**

In case of contact with skin: Remove contaminated clothing immediately.

Rinse skin with water/ shower off.

##### **On contact with eyes:**

After eye contact: rinse with plenty of water.

Remove contact lenses.

##### **If swallowed:**

After swallowing: make victim drink water (no more than two glasses).

If unwell: consult doctor.

#### **4.2 Main symptoms and acute and delayed effects :**

The main known symptoms and effects are described on the label (see section 2.2) and/or section 1.1.

#### **4.3 Indication of immediate medical attention and special treatment required :**

No data available.

### **SECTION 5: Fire-fighting measures**

#### **5.1 Extinguishing media :**

##### **Suitable extinguishing agents:**

Water

Foam

Carbon dioxide (CO<sub>2</sub>)

Dry powder

##### **Unsuitable extinguishing media:**

There are no restrictions on extinguishing agents for this substance/mixture.

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

Carbon oxides

Nitrogen oxides (NO<sub>x</sub>)

Flammable.

In case of fire, dangerous fire gases and vapours may be generated.

#### **5.3 Advice to firefighters :**

In case of fire, wear a compressed air mask.

#### **5.4 Further information**

Precipitate gases/fumes/mists using a water spray jet.

Prevent extinguishing water from contaminating surface water or groundwater systems.

### **SECTION 6: Measures in case of accidental release of the substance or mixture**

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

Advice for non-emergency personnel Avoid dust inhalation.

Clear danger zone, follow emergency procedures, consult an expert.

For personal protection, see section 8.

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## 6.2 Environmental precautions :

Do not allow product to enter drains.

## 6.3 Containment and cleaning methods and materials :

Cover drains.

Collect, bind and pump spilled material.

Observe possible material restrictions (see paragraphs 7 and 10).

Dry recording.

Send for disposal.

Clean contaminated surface.

Avoid formation of dust.

## 6.4 Reference to other paragraphs :

For personal protection, see section 8.

For waste disposal, see section 13.

## **SECTION 7: Handling and storage :**

### 7.1 Precautions for safe handling of the substance or mixture :

For precautions, see chapter 2.2.

### 7.2 Conditions for safe storage, including incompatible products :

#### **Storage conditions:**

Well-sealed.

Dry.

#### **Storage class:**

German storage classification (TRGS 510): 11: flammable solids

### 7.3 Specific end use :

Part of the uses listed in section 1.2 no other uses agreed.

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

### 8.1 Control parameters :

#### **Constituents with occupational exposure limits :**

The product contains no ingredients for which exposure values have been established.

### 8.2 Exposure control measures :

#### **Personal protection measures, such as personal protective equipment:**

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

Use face and/or eye protection tested and approved by official bodies such as NIOSH (US) or EN166 (EU).

Protective glasses.

##### **Respiratory protection:**

Required if dust formation occurs.

Our recommendations for filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other applicable standards relating to the respiratory protection system used.

##### Recommended filter type:

Filter type P1

The employer must ensure that maintenance, cleaning and testing of respiratory protection equipment are carried out in accordance with the supplier's instructions.

These measures must be documented in detail.

##### **Preventing environmental exposure:**

Do not allow product to enter drains.

## **SECTION 9: Physical and chemical properties**

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

|                  |                    |
|------------------|--------------------|
| Physical state : | Powder             |
| Colour:          | Dark violet        |
| Odour :          | No data available. |

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|  |  |
|--|--|
| Melting/freezing point :                   | Melting point/trajectory: 120 - 122°C. |
| Initial boiling point/boiling range :      | No data available.                     |
| Flammability (solid, gas):                 | No data available.                     |
| High/low flammability or explosive limits: | No data available.                     |
| Flash point :                              | No data available.                     |
| Self-ignition temperature :                | No data available.                     |
| pH :                                       | No data available.                     |

#### **Viscosity**

|   |                    |
|---|--------------------|
| Viscosity, dynamic :                      | No data available. |
| Viscosity, kinematics :                   | No data available. |
| Solubility in water :                     | No data available. |
| Partition coefficient: n- octanol/water : | No data available. |
| Vapour pressure :                         | No data available. |
| Density:                                  | No data available. |
| Relative density :                        | No data available. |
| Relative vapour density :                 | No data available. |
| Particle characteristics :                | No data available. |
| Explosive properties:                     | No data available. |
| Oxidising properties :                    | No data available. |

#### 9.2 Other information

No data available.

### **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity :

For flammable, organic substances and mixtures, in general: in the case of windblown dust in a correspondingly fine distribution, the risk of a dust explosion should generally be assumed.

#### 10.2 Chemical stability :

The product is chemically stable under normal ambient conditions (room temperature).

#### 10.3 Possible hazardous reactions :

No data available.

#### 10.4 Conditions to avoid :

No information available.

#### 10.5 Incompatible materials :

Strong oxidising agents.

#### 10.6 Hazardous decomposition products :

In case of fire: see chapter 5.

### **SECTION 11: Toxicological information**

#### 11.1 Information on toxicological effects :

##### **Acute toxicity**

Oral: No data available

Inhalation: No data available

Skin: No data available

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

No data available

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

No data available

##### **Respiratory and skin sensitisation**

No data available

##### **Mutagenicity in gametes**

No data available

##### **Carcinogenicity**

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No data available

#### **Reproductive toxicity**

No data available

#### **Specific target organ toxicity - single exposure**

No data available

#### **Specific target organ toxicity - repeated exposure**

No data available

#### **Inhalation risk**

No data available

#### 11.2 Additional information

#### **Endocrine-disrupting properties**

Product:

Assessment : The substance/mixture does not contain any components believed 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 level 0.1% or higher.

To our knowledge, its chemical, physical and toxicological properties have not been thoroughly investigated.

#### **SECTION 12: Ecological information**

##### 12.1 Toxicity :

No data available.

##### 12.2 Persistence and degradability :

No data available.

##### 12.3 Bioaccumulation :

No data available.

##### 12.4 Mobility in soil :

No data available.

##### 12.5 Results of PBT and vPvB assessment :

This substance or mixture does not contain any constituents that may be considered persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

##### 12.6 Endocrine disrupting properties

Assessment: The substance/mixture does not contain constituents suspected of having endocrine-disrupting properties according to Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 in a concentration of 0.1% or more.

##### 12.7 Other side effects :

No data available.

#### **SECTION 13: Instructions for disposal**

##### 13.1 Waste disposal methods :

#### **Product:**

According to local and national regulations.

Dangerous container when empty.

Do not dispose of with household waste.

Do not mix streams during waste collection.

#### **Contaminated packaging :**

Empty containers should be taken to an authorised waste disposal facility for reuse or disposal.

#### **SECTION 14: Transport information**

##### 14.1 UN number

Classified as non-hazardous for transport.

##### 14.2 Proper name of cargo according to the UN regulatory model

Classified as non-hazardous for transport.

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#### 14.3 Transport hazard class(es)

Classified as non-hazardous for transport.

#### 14.4 Packing group

Classified as non-hazardous for transport.

#### 14.5 Environmental risks

Classified as non-hazardous for transport.

#### 14.6 Special precautions for the user

Classified as non-hazardous for transport.

#### 14.7 Transport in bulk in accordance with Annex II to MARPOL 73/78 and the IBC Code

Not applicable to the product delivered.

### **SECTION 15: Legal information**

#### 15.1 Safety, health and environmental regulations and legislation specific to the substance or mixture :

This safety data sheet complies with the requirements of Regulation (EC) No 1907/2006.

#### **National legislation**

**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.

#### **Other regulations :**

Note Directive 94/33/EC on the protection of young people at work.

#### 15.2 Chemical safety assessment :

Not applicable.

### **SECTION 16: Other information**

#### **Full text of other abbreviations**

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 (ADR Agreement); AICS - Australian Inventory of Chemical Substances; ASTM - American Society for Testing of Materials; bw - body weight; CLP - Regulation on Classification, Labelling and Packaging; Regulation (EC) no. 1272/2008; CMR - carcinogenic, mutagenic or toxic to reproduction; DIN - German standard or German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC number - EINECS number; ECx - Concentration associated with x% response; ELx - Loading capacity associated with x% response; EmS - Emergency Programme; ENCS - Existing and New Chemicals (Japan); ErCx - Concentration associated with x% growth response; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - IMO International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk; IC50 - intermediate inhibitory concentration; ICAO - International Civil Aviation Organisation; IECSC - Inventory List of Existing Chemicals in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; KECI - Korean Inventory of Existing Chemicals; LC50 - Lethal concentration for 50% of a tested population; LD50 - Lethal dose for 50% of a tested population (median lethal dose); MARPOL - International Convention for the Prevention of Pollution from Ships.o.s. - Not Otherwise Specified; NO(A)EC - No detectable (negative) effect on concentration; NO(A)EL - No detectable (negative) effect on level; NOELR - No detectable effect on carrying capacity; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Cooperation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic; PICCS - Philippine Inventory of Chemicals and 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 (REACH); RID - Regulation concerning the International Carriage of Dangerous Goods by Rail (RID); SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Inventory List; TRGS - Technical Regulation on Hazardous Substances; TSCA - Toxic Substances Control Act (USA); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative.

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## More information

Training advice :

Provide appropriate information, instructions and training to users.

The information in this safety data sheet is correct to the best of our knowledge at the date of issue indicated. This information is intended only as guidance for safe handling, use, processing, storage, transportation, disposal and rejection and should not be considered a guarantee or indication of quality.