

Trade name: Cyanolit® 401 X

Version: 3 / DE

Date revised: 23.11.2017

Replaces Version: 2 / DE

Print date: 16.03.2021

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

### **1.1. Product identifier**

Cyanolit® 401 X

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

#### **Identified Uses**

SU3

Industrial uses: Uses of substances as such or in preparations at industrial sites

PC1

Adhesives, sealants

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

#### **Address/Supplier**

Panacol-Elosol GmbH

Stierstädter Str. 4

61449 Steinbach (Taunus)

Telephone no. +49 (0)6171/6202-0

Fax no. +49 (0)6171/6202-590

E-mail address of  
person responsible  
for this SDS msds@panacol.de

### **1.4. Emergency telephone number**

During regular office hours +49 6171 6202 0; all other times call your local Poison Control Center.

## **SECTION 2: Hazards identification \*\*\***

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

#### **Classification (Regulation (EC) No. 1272/2008)**

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

Skin Irrit. 2 H315

Eye Irrit. 2 H319

STOT SE 3 H335

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

### **2.2. Label elements**

#### **Hazard pictograms**



#### **Signal word**

Warning

#### **Hazard statements**

H315

Causes skin irritation.

H319

Causes serious eye irritation.

H335

May cause respiratory irritation.

#### **Precautionary statements \*\*\***

P261.9

Avoid breathing vapours/spray.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P304+P340

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

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

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P312

lenses, if present and easy to do. Continue rinsing.

P501.A

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

Dispose of waste according to applicable legislation.

**Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)**

contains

Ethyl-2-cyanoacrylat

**Supplemental information**

EUH202

Cyanoacrylate. Danger. Bonds skin and eyelids in seconds. Keep out of the reach of children.

**2.3. Other hazards**

No special hazards have to be mentioned.

**SECTION 3: Composition/information on ingredients****Chemical characterization**

Cyanolit 401 X

**Hazardous ingredients****Ethyl-2-cyanoacrylat**

CAS No. 7085-85-0

EINECS no. 230-391-5

Registration no. 01-2119527766-29

Concentration &gt;= 50 %

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

Eye Irrit. 2 H319

STOT SE 3 H335

Skin Irrit. 2 H315

EUH202

Concentration limits (Regulation (EC) No. 1272/2008)

STOT SE 3 H335 &gt;= 10

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Remove contaminated, soaked clothing immediately and dispose of safely. Adhere to personal protective measures when giving first aid. In any case show the physician the Safety Data Sheet.

**After inhalation**

Ensure supply of fresh air. When vapours are intensively inhaled, seek medical help immediately.

**After skin contact**

Wash off immediately with soap and water. Consult a doctor if skin irritation persists.

**After eye contact**

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

**After ingestion**

If swallowed, seek medical advice immediately and show this container or label. Rinse mouth thoroughly with water. Let plenty of water be drunk in small gulps. Do not induce vomiting.

**Adhere to personal protective measures when giving first aid**

First aider: Pay attention to self-protection!

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

Until now no symptoms known so far.

**4.3. Indication of any immediate medical attention and special treatment needed****Hints for the physician / hazards**

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In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Dry powder, Carbon dioxide, Foam

#### **Non suitable extinguishing media**

Full water jet

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

In case of combustion evolution of dangerous gases possible.

### **5.3. Advice for firefighters**

#### **Special protective equipment for fire-fighting**

Do not inhale explosion and/or combustion gases. In case of combustion use a suitable breathing apparatus.

#### **Other information**

Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

## **SECTION 6: Accidental release measures**

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

Avoid contact with skin, eyes and clothing. Refer to protective measures listed in Sections 7 and 8.

### **6.2. Environmental precautions**

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater. In case the product spills into sewage waters, immediately inform the authorities.

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

Pick up with absorbent material. Dispose of absorbed material in accordance with the regulations.

### **6.4. Reference to other sections**

Refer to protective measures listed in Sections 7 and 8.

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

### **7.1. Precautions for safe handling**

#### **Advice on safe handling**

Avoid formation of aerosols. Provide good ventilation of working area (local exhaust ventilation if necessary). Keep container tightly closed. Observe the usual precautions for handling chemicals.

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

#### **Requirements for storage rooms and vessels**

Keep in original packaging, tightly closed. Storage rooms must be properly ventilated. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Provide solvent-resistant and impermeable floor.

#### **Storage classes**

Storage class according to TRGS 510      10

Flammable liquids

#### **Further information on storage conditions**

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight. Observe TDS precautions.

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

### **8.1. Control parameters**

#### **Other information**

There are not known any further control parameters.

### **8.2. Exposure controls**

#### **General protective and hygiene measures**

Hold eye wash fountain available. Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes. Do not eat, drink or smoke during work time. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

#### **Respiratory protection**

In case of insufficient ventilation, wear suitable respiratory equipment. Short term: filter apparatus, Filter A

#### **Hand protection**

Chemical resistant gloves

Use

Appropriate Material

Material thickness

Breakthrough time

Short-term hand contact

nitrile

$\geq$  0,4 mm

> 480 min

#### **Eye protection**

Safety glasses with side protection shield

#### **Body protection**

Clothing as usual in the chemical industry.

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

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

**Form**

liquid

**Colour**

colourless

**Odour**

characteristic

**Odour threshold**

Remarks

not determined

**pH value**

Remarks

not determined

**Melting point**

Remarks

not determined

**Freezing point**

Remarks

not determined

**Initial boiling point and boiling range**

Value

62

°C

**Flash point**

Value

83

°C

**Evaporation rate (ether = 1) :**

Remarks

not determined

**Flammability (solid, gas)**

not determined

**Upper/lower flammability or explosive limits**

Remarks

not determined

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**Vapour pressure**

Value	17,33		Pa
Temperature	20	°C	

**Vapour density**

Remarks	not determined
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**Density**

Value	1,05		g/cm <sup>3</sup>
Temperature	25	°C	

**Solubility in water**

Remarks	not determined
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**Solubility(ies)**

Remarks	not determined
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**Partition coefficient: n-octanol/water**

Remarks	not determined
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**Ignition temperature**

Remarks	not determined
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**Decomposition temperature**

Remarks	not determined
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**Viscosity****dynamic**

Value	2		mPa.s
Temperature	25	°C	

**Explosive properties**

evaluation	not determined
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**Oxidising properties**

Remarks	not determined
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**9.2. Other information****Other information**

None known

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

**10.2. Chemical stability**

No hazardous reactions known.

**10.3. Possibility of hazardous reactions**

No hazardous reactions known.

**10.4. Conditions to avoid**

No hazardous reactions known.

**10.5. Incompatible materials**

None known

**10.6. Hazardous decomposition products**

Irritant gases/vapours

**SECTION 11: Toxicological information**

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**11.1. Information on toxicological effects****Acute oral toxicity**

Remarks not determined

**Acute dermal toxicity**

Remarks not determined

**Acute inhalational toxicity**

Remarks not determined

**Skin corrosion/irritation**

Remarks not determined

**Serious eye damage/irritation**

Remarks not determined

**Sensitization**

Remarks not determined

**Subacute, subchronic, chronic toxicity**

Remarks not determined

**Mutagenicity**

Remarks not determined

**Reproductive toxicity**

Remarks not determined

**Carcinogenicity**

Remarks not determined

**Specific Target Organ Toxicity (STOT)**

Remarks not determined

**Experience in practice**

Inhalation may lead to irritation of the respiratory tract.

**Other information**

No toxicological data are available.

**SECTION 12: Ecological information****12.1. Toxicity****General information**

not determined

**12.2. Persistence and degradability****General information**

not determined

**12.3. Bioaccumulative potential****General information**

not determined

**Partition coefficient: n-octanol/water**

Remarks not determined

**12.4. Mobility in soil****General information**

not determined

**12.5. Results of PBT and vPvB assessment**

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**General information**

not determined

**12.6. Other adverse effects****General information**

not determined

**General information / ecology**

Do not allow to enter soil, waterways or waste water canal. Avoid release into the atmosphere.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations for the product**

EWC waste code 08 04 09\* waste adhesives and sealants containing organic solvents or other dangerous substances

Dispose of waste according to applicable legislation.

**Disposal recommendations for packaging**

EWC waste code 15 01 10\* packaging containing residues of or contaminated by dangerous substances

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

**SECTION 14: Transport information**

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
<b>14.1. UN number</b>	Non-dangerous goods	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water Hazard Class (Germany)**

Water Hazard Class WGK 1  
(Germany)

Remarks Derivation of WGK according to Annex 1 No. 5.2 AwSV

**Verordnung brennbare Flüssigkeiten (VbF)**

VbF: N U

**VOC**

VOC (EU) 0 % 0 g/l

**15.2. Chemical safety assessment**

For this preparation a chemical safety assessment has not been carried out.

**SECTION 16: Other information****Hazard statements listed in Chapter 3**

EUH202 Cyanoacrylate. Danger. Bonds skin and eyelids in seconds. Keep out of the reach of children.

H315 Causes skin irritation.

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H319

Causes serious eye irritation.

H335

May cause respiratory irritation.

### CLP categories listed in Chapter 3

Eye Irrit. 2

Eye irritation, Category 2

Skin Irrit. 2

Skin irritation, Category 2

STOT SE 3

Specific target organ toxicity - single exposure, Category 3

### Department issuing safety data sheet

Department product safety

### Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.