

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

- **1.1 Product identifier**
- **Trade name: PICA TUBE 575**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Industrial marker
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
PICA-MARKER GMBH  
Pica-Str. 5  
91356 Kirchehrenbach  
GERMANY  
info@pica-marker.com
- **Further information obtainable from:** Département sécurité du produit
- **1.4 Emergency telephone number:**  
BG : National Clinical Toxicology Centre, Tel.: +359 2 9154 409  
DK : Gifflingen Bispebjerg Hospital, Tel.: +45 82 12 12 12  
EE : Mürgistusteabekeskus, Tel.: +372 626 93 90  
GR : Poisons Information Centre, Tel.: +30 10 779 37777  
HR : Poisons Control Centre, Tel.: +385 1 234 8342  
HU : Országos Kémiai Biztonsági Intézet, Tel.: +36 80 20 11 99  
IE : National Poisons Information Centre, Tel.: +353 1 809 2166  
LT : Apsinuodijimu kontrolės ir informacijos biuras, Tel.: +370 5 236 20 52  
LV : Valsts Toksikologijas centra, Tel.: +371 67 04 24 73  
SI : Poison Centre, Tel.: +386 41 650 500

## SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS02 flame

Flam. Liq. 3 H226 Flammable liquid and vapour.



GHS07

STOT SE 3 H336 May cause drowsiness or dizziness.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS02



GHS07

- **Signal word** Warning
- **Hazard-determining components of labelling:**  
n-butyl acetate
- **Hazard statements**  
H226 Flammable liquid and vapour.  
H336 May cause drowsiness or dizziness.

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**· Precautionary statements**

- P210 *Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.*
- P241 *Use explosion-proof electrical/ventilating/lighting equipment.*
- P261 *Avoid breathing dust/fume/gas/mist/vapours/spray.*
- P303+P361+P353 *IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.*
- P405 *Store locked up.*
- P501 *Dispose of contents/container in accordance with local/regional/national/international regulations.*

**· Labelling of packages where the contents do not exceed 125 ml**

**· Hazard pictograms**



GHS02 GHS07

**· Signal word** *Warning*

**· Hazard-determining components of labelling:**

*n-butyl acetate*

**· Hazard statements** *Void*

**· 2.3 Other hazards**

**· Results of PBT and vPvB assessment**

**· PBT:** *Not applicable.*

**· vPvB:** *Not applicable.*

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

**· 3.2 Chemical characterisation: Mixtures**

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

**· Dangerous components:**

CAS: 123-86-4	<i>n-butyl acetate</i>		25-50%
EINECS: 204-658-1			

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

**SECTION 4: First aid measures**

**· 4.1 Description of first aid measures**

**· General information:** *Immediately remove any clothing soiled by the product.*

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

**· After skin contact:** *Immediately rinse with water.*

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

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

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

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

*No further relevant information available.*

**SECTION 5: Firefighting measures**

**· 5.1 Extinguishing media**

**· Suitable extinguishing agents:**

*CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.*

**· For safety reasons unsuitable extinguishing agents:** *Water with full jet*

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

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- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

## SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- **Information about fire - and explosion protection:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Storage class:** Store in accordance with local/regional/national/international regulations.
- **7.3 Specific end use(s)** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

### · 8.1 Control parameters

- **Ingredients with limit values that require monitoring at the workplace:**

**123-86-4 n-butyl acetate**

WEL	Short-term value: 966 mg/m <sup>3</sup> , 200 ppm
	Long-term value: 724 mg/m <sup>3</sup> , 150 ppm

- **Additional information:** The lists valid during the making were used as basis.

### · 8.2 Exposure controls

- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.
- **Respiratory protection:** Not necessary if room is well-ventilated.
- **Protection of hands:**



Protective gloves

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The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

· **Material of gloves** Nitrile rubber, NBR

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

## SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

· <b>Form:</b>	Fluid
· <b>Colour:</b>	According to product specification
· <b>Odour:</b>	Characteristic
· <b>Odour threshold:</b>	Not determined.

· **pH-value:** Not determined.

· **Change in condition**

· <b>Melting point/freezing point:</b>	Undetermined.
· <b>Initial boiling point and boiling range:</b>	124-128 °C

· **Flash point:** 27 °C

· **Flammability (solid, gas):** Not applicable.

· **Ignition temperature:** 370 °C

· **Decomposition temperature:** Not determined.

· **Auto-ignition temperature:** Product is not selfigniting.

· **Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

· **Explosion limits:**

· <b>Lower:</b>	1.2 Vol %
· <b>Upper:</b>	7.5 Vol %

· **Vapour pressure at 20 °C:** 10.7 hPa

· **Density at 20 °C:** ~1.91~1.92 g/cm<sup>3</sup>

· **Relative density** Not determined.

· **Vapour density** Not determined.

· **Evaporation rate** Not determined.

· **Solubility in / Miscibility with water:**

Not miscible or difficult to mix.

· **Partition coefficient: n-octanol/water:** Not determined.

· **Viscosity:**

· <b>Dynamic:</b>	Not determined.
· <b>Kinematic at 20 °C:</b>	300 s (ISO 6 mm)

· **Solvent content:**

· <b>Organic solvents:</b>	37.3 %
· <b>VOC (EC)</b>	37.26 %

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- |                                |  |
|--------------------------------|--|
| <b>Solids content:</b>         | 40.9 %                                     |
| <b>· 9.2 Other information</b> | No further relevant information available. |

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure**  
May cause drowsiness or dizziness.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.


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

### SECTION 14: Transport information

- |  |                           |
|--|---------------------------|
| · <b>14.1 UN-Number</b><br>· <b>ADR, ADN, IMDG</b><br>· <b>IATA</b>                                | not regulated<br>UN1263   |
| · <b>14.2 UN proper shipping name</b><br>· <b>ADR, ADN, IMDG</b><br>· <b>IATA</b>                  | not regulated<br>PAINT    |
| · <b>14.3 Transport hazard class(es)</b><br>· <b>ADR, ADN, IMDG</b><br>· <b>Class</b>              | not regulated             |
| · <b>IATA</b><br> |                           |
| · <b>Class</b><br>· <b>Label</b>   | 3 Flammable liquids.<br>3 |
| · <b>14.4 Packing group</b><br>· <b>ADR, IMDG</b><br>· <b>IATA</b>                                 | not regulated<br>III      |
| · <b>14.5 Environmental hazards:</b><br>· <b>Marine pollutant:</b>                                 | No                        |
| · <b>14.6 Special precautions for user</b>   | Not applicable.           |
| · <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>                   | Not applicable.           |
| · <b>UN "Model Regulation":</b>  | not regulated             |

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category P5c FLAMMABLE LIQUIDS**
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**  
H226 Flammable liquid and vapour.

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**Safety data sheet**  
according to 1907/2006/EC, Article 31

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*H336 May cause drowsiness or dizziness.*

· **Department issuing SDS:** Service protection de l'environnement

· **Contact:** Responsable QHSE

· **Abbreviations and acronyms:**

*ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*

*IMDG: International Maritime Code for Dangerous Goods*

*IATA: International Air Transport Association*

*GHS: Globally Harmonised System of Classification and Labelling of Chemicals*

*EINECS: European Inventory of Existing Commercial Chemical Substances*

*ELINCS: European List of Notified Chemical Substances*

*CAS: Chemical Abstracts Service (division of the American Chemical Society)*

*VOC: Volatile Organic Compounds (USA, EU)*

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*

*Flam. Liq. 3: Flammable liquids – Category 3*

*STOT SE 3: Specific target organ toxicity (single exposure) – Category 3*

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

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