

# SAFETY DATA SHEET

According to Regulation 1907/2006/CE

Doc. N° 193000 rev.2  
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## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

Product name : **Monoconfirm Test p-Dimetilaminobenzaldeide**

Product Number : **193000**

**1.2 Relevant identified uses of the substance or mixture and uses advised against**  
Identified uses : Laboratory chemicals, test for *Listeria* spp.

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

Company : Biolife Italiana S.r.l.  
Viale Monza 272, 20128 Milano Italia  
Tel : 0039 02 252091  
Fax: 0039 02 2576428  
E-mail: [mktg@biolifeitaliana.it](mailto:mktg@biolifeitaliana.it)

### 1.4 Emergency telephone number

Emergency Phone : 0039 02-6610-1029 (Centro Antiveleni Niguarda Ca' Granda- Milano)

## 2. HAZARDS IDENTIFICATION

### Classification according to Regulation (EC) No 1272/2008

Corrosive to metals (Category 1), H290  
Skin irritation (Category 2), H315  
Eye irritation (Category 2), H319  
Specific target organ toxicity - single exposure (Category 3),  
Respiratory system, H335  
For the full text of the H-Statements mentioned in this  
Section, see Section 16.

### 2.2 Label elements

#### Labelling according Regulation (EC) No 1272/2008

Pictogram



Signal word

Warning

Hazard statement(s)

H290 May be corrosive to metals.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.

Precautionary statement(s)

P261 Avoid breathing vapours.

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental Hazard Statements

none

**2.3 Other hazards - none**

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**3. COMPOSITION/INFORMATION ON INGREDIENTS****3.2 Mixtures****Hazardous ingredients according to Regulation (EC) No 1272/2008**

Component	Classification	Concentration
<b>Hydrochloric acid</b>		
CAS-No	7647-01-0	Met. Corr. 1; Skin Corr. 1B;
CE-No	231-595-7	STOT SE 3; H290, H314, H335
		7.0 – 12.0%

For the full text of the H-Statements mentioned in this Section, see Section 16

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**4. FIRST AID MEASURES****4.1 Description of first aid measures****General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

**If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact**

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**If swallowed**

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

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

no data available

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**5. FIREFIGHTING MEASURES****5.1 Extinguishing media****Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

Hydrogen chloride gas

**5.3 Advice for firefighters**

Wear self contained breathing apparatus for fire fighting if necessary.

**5.4 Further information** no data available

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## 6. ACCIDENTAL RELEASE MEASURES

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

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. For personal protection see section 8.

**6.2 Environmental precautions** Do not let product enter drains.

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

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed

containers for disposal.

**6.4 Reference to other sections** For disposal see section 13.

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## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. For precautions see section 2.2.

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

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. The pressure in sealed containers can increase under the influence of heat.

**7.3 Specific end use(s)** A part from the uses mentioned in section 1.2 no other specific uses are stipulated

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### Components with workplace control parameters

Component	N. CAS	Valore	Control Parameters	Base
Hydrochloric acid	7647-01-0	STEL	10 ppm 15 mg/m <sup>3</sup>	Directive 2000/39/EC Commission; first list of indicative limit value
	Observation	Indicative		
		TWA	5 ppm 8 mg/m <sup>3</sup>	Directive 2000/39/EC Commission; first list of indicative limit value
		Indicative		
		STEL	10 ppm 15 mg/m <sup>3</sup>	Indicative occupational exposure limit values to Chemical Agents
		TWA	5 ppm 8 mg/m <sup>3</sup>	Indicative occupational exposure limit values to Chemical Agents

### 8.2 Exposure controls

#### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

#### Personal protective equipment

##### Eye/face protection

Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under

appropriate government standards such as NIOSH (US) or EN 166(EU).

### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

### Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

### Control of environmental exposure

Do not let product enter drains.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

a) Appearance	Form: liquid
b) Odour	no data available
c) Odour Threshold	no data available
d) pH	no data available
e) Melting point/freezing point	no data available
f) Initial boiling point and boiling range	no data available
g) Flash point	not applicable
h) Evaporation rate	no data available
i) Flammability (solid, gas)	no data available
j) Upper/lower flammability or explosive limits	no data available
k) Vapour pressure	no data available
l) Vapour density	no data available
m) Relative density	no data available
n) Water solubility	no data available
o) Partition coefficient: noctanol/water	no data available
p) Auto-ignition temperature	no data available
q) Decomposition temperature	no data available
r) Viscosity	no data available

s) Explosive properties no data available  
t) Oxidizing properties no data available

**9.2 Other safety information** no data available

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**10. STABILITY AND REACTIVITY**

**10.1 Reactivity** no data available

**10.2 Chemical stability** Stable under recommended storage conditions.

**10.3 Possibility of hazardous reactions** no data available

**10.4 Conditions to avoid** no data available

**10.5 Incompatible materials** Bases, Amines, Alkali metals, Metals, permanganates, e.g. potassium permanganate, Fluorine, sulphuric acid, hexalithium disilicide, metal acetylides

**10.6 Hazardous decomposition products** Other decomposition products - no data available  
In the event of fire: see section 5

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**11. TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects****Acute toxicity**

**Skin corrosion/irritation** no data available

**Serious eye damage/eye irritation** no data available

**Respiratory or skin sensitisation** no data available

**Germ cell mutagenicity** no data available

**Carcinogenicity** IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Hydrochloric acid)

**Reproductive toxicity** no data available

**Specific target organ toxicity - single exposure**  
no data available

**Specific target organ toxicity - repeated exposure**  
no data available

**Aspiration hazard** no data available

**Additional Information** RTECS: Not available  
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

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**12. ECOLOGICAL INFORMATION**

**12.1 Toxicity** 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** PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**12.6 Other adverse effects** no data available

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### 13. DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

**Product** Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging** Dispose of as unused product.

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### 14. TRANSPORT INFORMATION

**14.1 UN number** ADR/RID: - IMDG: - IATA: -

**14.2 UN proper shipping name** ADR/RID: -  
IMDG: -  
IATA: -

**14.3 Transport hazard class(es)** ADR/RID: - IMDG: - IATA: -

**14.4 Packaging group** ADR/RID: - IMDG: - IATA: -

**14.5 Environmental hazards** ADR/RID: no IMDG Marine pollutant: no IATA: no

**14.6 Special precautions for user** no data available

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### 15. REGULATORY INFORMATION

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

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
**Authorisations and/or restrictions on use** no data available

**15.2 Chemical Safety Assessment** For this product a chemical safety assessment was not carried out

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### 16. OTHER INFORMATION

#### Full text of H-Statements referred to under sections 2 and 3.

H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
Met. Corr.	Corrosive to metals
Skin Corr.	Skin corrosion
STOT SE	Specific target organ toxicity - single exposure

**Further information**  
**Restrictions for use** No data available

**Training advice** No data available

**References** No data available

The information in this MSDS was obtained from current and reliable sources. Anyone using this information is solely responsible for the accuracy and applicability of this information to a particular use or situation.

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