

**p-Aminobenzoic acid****DOC0(204-207)****SECTION 1 Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Identification of the product : Raw material  
Product code : DOC0(204-207)  
Trade name : p - Aminobenzoic acid  
EC-No : 205-753-0  
CAS number : 000150-13-0  
Formula : C7H7NO2

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

1.2.1 Relevant identified uses : For research purposes only

1.2.2 Uses advised against : No additional information available

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

Company identification : **Formedium Ltd.**  
King's Lynn, England, PE31 6DJ  
Tel: +44(0)1485 609069  
Web: www.Formedium.com  
E-mail: info@formedium.com

**1.4. Emergency telephone number**

Emergency telephone number : Tel: +44(0)1485 609069 (local time : 9.00 to 17.00)  
NHS Direct 111 (UK, 24 hours), 112 (EU, 24 Hours)

**SECTION 2 Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) 1272/2008**

Acute toxicity. Oral (Category 4)	H302
Skin corrosion / irritation (Category 2)	H315
Serious eye damage / eye irritation (Category 2)	H319
Skin sensitisation (Category 1)	H317
Specific target organ toxicity – Single exposure (Category 3)	H335
Respiratory tract irritation	

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

**Adverse physicochemical, human health and environmental effects.**

No additional information available.



GHS07

**2.2. Label elements****Labelling according to Regulation (EC) No. 1272/2008**

Signal Word : Warning  
Hazard statement(s) : H302 Harmful if swallowed.  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.

Precautionary statement(s) : P280 Wear protective clothing, protective gloves, face protection, eye protection.  
P305 + 351 IF IN EYES: Rinse cautiously with water for several minutes.

**p-Aminobenzoic acid****DOC0(204-207)****SECTION 2 Hazards identification (continued)**

Precautionary statement(s) : P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
(continued) P301 + P312 IF SWALLOWED: Call a POISON CENTER / doctor if you feel unwell.

**2.3. Other hazards**

No additional information available.

**SECTION 3 Composition/information on ingredients****3.1 Substance / Preparation**

Name: p-Aminobenzoic acid  
CAS-No.: 000150-13-0  
EC-No.: 205-753-0  
Molecular weight g/mol: 137.1 g/mol  
Structural formula: C7H7NO2

**Hazardous ingredients according to Regulation (EC) No. 1272/2008**

Component:	Concentration	CAS No	EC No
p-Aminobenzoic acid	>= 99.0%	150-13-0	205-753-0

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

**SECTION 4 First aid measures****4.1. Description of first aid measures**

**First aid measures after inhalation** : Remove person to fresh air and keep comfortable for breathing. Get medical advice / attention.

**First aid measures after skin contact** : After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Get medical advice / attention.

**First aid measures after eye contact** : Ensure adequate flushing of eyes by separating eyelids with the fingers. Get medical advice / attention.

**First aid measures after ingestion** : Rinse mouth out with water. Get medical advice / attention.

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

**Symptoms / effects** : Sleepiness  
**Symptoms / effects after inhalation** : May cause respiratory irritation.  
**Symptoms / effects after skin contact** : Irritation, Redness, Pain.  
**Symptoms / effect after eye contact** : Causes eye irritation.  
**Symptoms / effects after ingestion** : May cause irritation to the digestive tract.

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

No additional information available.

**SECTION 5 Fire-fighting measures****5.1. Extinguishing media**

**Suitable extinguishing media** : Water spray, alcohol resistant foam, dry chemical powder or carbon dioxide (CO<sub>2</sub>).

**5.2. Special hazards arising from the substance or mixture**Under fire conditions, hazardous fumes will be present. : CO<sub>x</sub> NO<sub>x</sub>**5.3. Advice for firefighters**

**Protection during firefighting** : Use self-contained breathing apparatus and chemically protective clothing.  
**Other information** : Prevent fire fighting water from entering the environment.

**p-Aminobenzoic acid****DOC0(204-207)****SECTION 6 Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

**General measures** : Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.

**6.1.1 For non-emergency personnel**

**Protective equipment** : Wear recommended personal protective equipment.

**Measures in case of dust release** : Use good housekeeping practices to avoid rendering dust airborne.

**6.1.2 For emergency responders**

No additional information available.

**6.2. Environmental precautions**

Avoid release to the environment. Do not allow entry to drains or water courses.

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

**Methods for cleaning up** : Sweep up dry powder and dispose properly. This material and its container must be disposed of in a safe way, and as per local legislation.

**6.4. Reference to other sections**

For disposal see section 13.

**SECTION 7 Handling and storage****7.1. Precautions for safe handling**

No additional information available.

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

**Storage conditions** : Store in a dry, well ventilated area. Keep container tightly closed in a dry and protected from light. Store at room temperature.

**7.3. Specific end use(s)**

For research purposes only

**SECTION 8 Exposure controls/personal protection****8.1. Control parameters**

No additional information available.

**8.1. Exposure controls**

Type	Material	Permeation	Thickness (mm)	Standard
Gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	0.11	EN 374

**p-Aminobenzoic acid****DOC0(204-207)****Section 8: Exposure controls / personal protection (continued)****Eye protection**

Safety glasses.

**Skin and body protection**

Wear suitable protective clothing.

**Respiratory protection**

Dust production Dust mask with filter type P2.

**SECTION 9 Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state	Solid
Appearance	Powder
Molecular mass	137.1 g/mol
Colour	White to slightly yellow
Odour	Characteristic
Odour Threshold	No data available
pH	No data available
pH solution	3.5 (5g/L)
Melting point	No data available
Freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Relative evaporation rate	No data available
Flammability (solid,gas)	No data available
Vapour pressure	No data available
Relative vapour density at 20°C	No data available
Relative density	1374 g/cm <sup>3</sup>
Water solubility	4.7 g/L
Log pow	No data available
Auto-ignition temperature	No data available
Decomposition temperature	187 – 189 °C
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Explosive limits	No data available

**9.2. Other safety information**

No additional information available

**p-Aminobenzoic acid****DOC0(204-207)****SECTION 10 Stability and reactivity****10.1. Reactivity**

No additional information available.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

No additional information available

**10.4. Conditions to avoid**

Light (daylight). Moisture.

**10.5. Incompatible materials**

Strong oxidizers.

**10.6. Hazardous decomposition products**

When heated to decomposition, emits dangerous fumes – Carbon oxides (COx), Nitrogen oxides (NOx)

**SECTION 11 Toxicological information****11.1. Information on toxicological effects****Acute toxicity**

Oral: Harmful if swallowed.

LD50 oral – Rat – 2850 mg/Kg ; LD50 oral – Rabbit -1830 mg/Kg)

Causes skin irritation.

**Skin corrosion / irritation**

Causes serious eye irritation.

**Serious eye damage / eye irritation**

May cause an allergic skin reaction.

**Respiratory or skin sensitisation**

Not classified

**Germ cell mutagenicity**

Not classified.

**Carcogenicity****Single exposure** – May cause respiratory irritation.**Specific target organ toxicity****Repeated exposure** – Not classified**Aspiration hazard**

Not classified

**11.2. Additional Information****Endocrine disrupting properties :**

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.

**p-Aminobenzoic acid****DOC0(204-207)****SECTION 12 Ecological information****12.1. Toxicity**

No additional information available.

**12.2. Persistence and degradability**

No additional information available.

**12.3. Bioaccumulative potential**

No additional information available.

**12.4. Mobility in soil**

No additional information available.

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

No additional information available.

**12.6. Other adverse effects**Other adverse effects : Moderately toxic to aquatic life.  
Avoid release to the environment. Prevent entry to sewers and public waters.**12.7. Endocrine disrupting properties**

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 13 Disposal considerations****13.1. Waste treatment methods****Waste treatment methods** Dispose in a safe manner in accordance with local / national regulations.  
Avoid release to the environment.**SECTION 14 Transport information****14.1. UN Number**

Not applicable.

**General information** : Not classified as dangerous in the meaning of transport regulations.**14.2. UN Proper shipping name**

Not applicable.

**14.3. Transport Hazard Class(es)**

Not applicable.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

Not applicable.

**14.6. Special precautions for user**

Not applicable

**p-Aminobenzoic acid****DOC0(204-207)****SECTION 15 Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

This safety data sheet complies with the requirements of Regulation (EC) No. 2015/830.

**15.2. Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out.

**SECTION 16 Other information****Full text of H- and EUH-statements referred to under sections 2 and 3.**

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Eye irrit. 2	Serious eye damage / eye irritation. Category 2
Skin irrit. 2	Skin corrosion / irritation. Category 2
STOT SE 3	Specific target organ toxicity – Single exposure. Category 3. Respiratory tract irritation.
H302	Harmful if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

**Further information**

: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Formedium Ltd. shall not be held liable for any damage resulting from handling or from contact with the above product.

**Revision**

: Complete SDS revision

End of document