### 1. Identification of the substance/preparation and of the company/undertaking

**Identification of the product**
- Catalogue No.: 820113
- Product name: Ethyl 2-aminobenzoate for synthesis

**Manufacturer/supplier identification**
- Company: Dr. Theodor Schuchardt & Co * 85662 Hohenbrunn * Germany *
  Tel: ++49 (0)8102/802-0
- Regional representation: This information is given on the authorised Safety Data Sheet for your country.
- Emergency telephone No.: Please contact the regional Merck representation in your country.

### 2. Composition/information on ingredients

**Synonyms**
- Ethyl anthranilate ; 2-Aminobenzoic acid ethyl ester ; Anthranilic acid ethyl ester

**CAS-No.:** 87-25-2
- Molar mass: 165.19
- EC-No.: 201-735-1
- Molecular formula: C₉H₁₁NO₂

### 3. Hazards identification

No hazardous product as specified in Directive 67/548/EEC.

### 4. First aid measures

Eye and skin contact: rinse out with water. Remove contaminated clothing. After inhalation: fresh air.
After swallowing: make the victim drink plenty of water, induce vomiting. Consult doctor if feeling unwell.

### 5. Fire-fighting measures

Suitable extinguishing media:
- Water, CO₂, foam, powder.

Special risks:
- Combustible. Development of hazardous combustion gases or vapours possible in the event of fire. The following may develop in event of fire: nitrogen oxides.

### 6. Accidental release measures

Take up with liquid-absorbent material (e.g. Chemizorb® ). Forward for disposal. Clean up affected area.

### 7. Handling and storage

**Handling:**
- No further requirements.

**Storage:**
- tightly closed, protected from light.
8. Exposure controls/personal protection

Personal protective equipment:
Respiratory protection: required when vapours/aerosols are generated.
Eye protection: required
Hand protection: required

Industrial hygiene:
Change contaminated clothing. Wash hands after working with substance.

9. Physical and chemical properties

Form: liquid
Colour: yellow
Odour:

pH value not available
Melting point 12 - 14 °C
Boiling point 266 - 268 °C
Ignition temperature not available
Flash point > 110 °C

Explosion limits lower not available
upper not available

Relative vapour density not available
Density (20 °C) 1.12 g/cm³

Solubility in water (20 °C) insoluble
ethanol (20 °C) soluble
ether (20 °C) soluble

10. Stability and reactivity

Conditions to be avoided
no information available
Substances to be avoided
no information available
Hazardous decomposition products
no information available
11. Toxicological information

Acute toxicity
LD₅₀ (oral, rat): 3750 mg/kg

Further toxicological information
After absorption of large quantities: Drowsiness, dizziness, euphoria, excitation, spasms, in certain circumstances narcosis.

Further data
Further hazardous properties cannot be excluded.
The product should be handled with the care usual when dealing with chemicals.

12. Ecological information

Do not allow to enter waters, waste water, or soil!

13. Disposal considerations

Product:
There are no uniform EC Regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

Packaging:
Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

14. Transport information

Not subject to transport regulations.

15. Regulatory information

Labelling according to EC Directives
Symbol: ---
R-phrases: ---
S-phrases: ---

16. Other information

Date of issue: 01.07.1993 Supersedes edition of ---

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.