

**Blue
Spirit**

Safety data sheet

According to EC Directive 91/155/EEC
CD-ROM Vers. D-A-CH 1996/2

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

Identification of the product

Catalogue No.: 814500
Product name: Isoamyl benzoate for synthesis

Manufacturer/supplier identification

Company: Dr.Theodor Schuchardt & Co * 85662 Hohenbrunn * Telephone
08102/8020

Contact for
information: Schuchardt * Telephone: 08102/802137 * Telefax: 08102/802175

Emergency telephone
No.: 06151/722440 * Telefax:06151/727780

2. Composition/information on ingredients

Synonyms

Benzoic acid isoamyl ester

CAS-No.: 94-46-2

Molar mass: 192.26 EINECS-No.: 202-334-4

Molecular
formula: $C_{12}H_{16}O_2$

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. If swallowed: give plenty of water to drink, induce vomiting. Consult doctor if feeling unwell.

5. Fire-fighting measures

Suitable extinguishing media: CO₂, foam, powder..

Special risks:
Combustible.

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:

Store tightly closed.

8. Exposure controls/personal protection

Personal protective equipment:

Respiratory protection not required

Eye protection: required

Hand protection: required

Industrial hygiene:

Wash hands after working with substance.

9. Physical and chemical properties

Form:	liquid
Colour:	colourless
Odour:	almost odourless
pH value	not available
Melting temperature	not available
Boiling temperature	260 °C
Ignition temperature	not available
Flash point	95 °C

Explosion limits	lower	not available
	upper	not available

Density	(20 °C)	0.99 g/cm ³
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Solubility in

water	(20 °C)	insoluble
ethanol	(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): 6330 mg/kg

Further toxicological information

Very low acute toxicity in animal experiments. When vapours/aerosols are generated. After skin contact: Irritations. After eye contact: Irritations. After ingestion: Irritations of mucous membranes in the mouth, pharynx, oesophagus, and gastrointestinal tract.

Further data

Further hazardous properties cannot be excluded.

The product should be handled with the care usual when dealing with chemicals.

12. Ecological information

No ecological problems are to be expected when the product is handled and used with due care and attention.

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, and in the Federal Republic of Germany also by the individual Federal States. 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, noncontaminated packaging may be treated like household waste or recycled.

14. Transport information

Land transport ADR/RID and GGVS/GGVE (Germany)

GGVS/GGVE class: 3 Number and letter: 32C

ADR/RID class: 3 Number and letter: 32C

Name of material:

River transport ADN/ADNR
not examined

Sea transport IMDG

IMDG class: UN-No.: Packaging group:

Ems: MFAG:

Correct technical name:

Air transport ICAO-TI and IATA-DGR

ICAO/IATA class: UN/ID-No.: Packaging group:

Correct technical name:

The transport regulations are cited according to international regulations and in the form applicable in Germany (GGVS/GGVE). Possible national deviations in other countries are not considered.

15. Regulatory information

Labelling according to EC Directives

Symbol: --

Name: --

R-phrases: --

S-phrases: --

German regulations

Water pollution class --

16. Other information

Date of issue: 01.07.93 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.