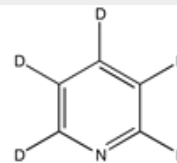


**Pyridine-d<sub>5</sub>**, deuteration degree min. 99,95%, NMR spectroscopy grade,  
Spectrosol<sup>®</sup>**Identification**

C<sub>5</sub>D<sub>5</sub>N  
M = 84,13 g/mol  
CAS [7291-22-7]  
EC number: 230-720-2  
Taric code: 2845 90 10

**Applications**

for nuclear magnetic resonance spectroscopy.

**Specifications**

deuteration degree.....min. 99,95 %                      water (K.F., H<sub>2</sub>O + D<sub>2</sub>O)..... max. 0,02 %  
performance test (NMR-spectrum)..... passes test

**Physical data**

- Density: 1,05 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Melting point: -41 °C
- Boiling point: 114 °C
- Flash point: 17 °C
- Ignition temperature: ~ 480 °C
- Vapour pressure: (20 °C) 20 hPa
- Expl. limit (upper): 10,6 Vol%
- Expl. limit (lower): 1,7 Vol%
- pH(15,8 g/l H<sub>2</sub>O, 20 °C) 8,5
- Hygroscopic

**Safety - GHS**

Signal Word:                      Danger

**Hazard Statements:**

- H225: Highly flammable liquid and vapour.  
H302: Harmful if swallowed.  
H312: Harmful in contact with skin.  
H332: Harmful if inhaled.

**Precautionary Statements:**

- P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.  
P241: Use explosion-proof electrical / ventilating / lighting / equipment.  
P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.  
P370+P378: In case of fire: Use ... for extinction.  
P403+P235: Store in a well-ventilated place. Keep cool.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- ADR: 3 F1 II • UN 1282 • PYRIDINE
- IMDG: 3 II • UN 1282 • PYRIDINE
- IATA/ICAO: 3 II • UN 1282 • PYRIDINE
- PAX: 305
- CAO: 307
- 10°C - 30°C