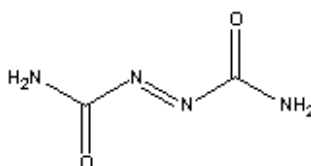




7930 Convoy Court, San Diego CA 92111  
Tel.: 800-7-TANABE (782-6223), 858-571-8410  
Fax: 858-571-3476  
Email: [sdsales@tanabeusa.com](mailto:sdsales@tanabeusa.com)  
Homepage: [www.tanabeusa.com](http://www.tanabeusa.com)

## PRODUCT DATA SHEET

### AZODICARBONAMIDE FCC Grade (VINYFOR AC #3)



**CAS No. 123-77-3**  
**C<sub>2</sub>H<sub>4</sub> N<sub>4</sub>O<sub>2</sub>**  
**M.W.: 116.08**

#### SPECIFICATIONS

Appearance	:	A yellow to orange red crystalline powder.
Assay	:	Not less than 98.6% and not more than 100.5%
Heavy Metals (as PB)	:	Not more than 0.002%
Lead	:	Not more than 10 mg/kg
Loss on Drying	:	Not more than 0.5%
Nitrogen	:	47.2 ~ 48.7%
pH (2% suspension)	:	Not less than 5.0
Residue on Ignition	:	Not more than 0.15%

#### Basic Physical Properties

Decomposition temperature	:	200 ~ 210 °C
Amount of gas generated	:	200 ~ 230ml/g (0 °C, 1atm) in liquid paraffin
Decomposition Product	:	Gas (32% wt) N <sub>4</sub> 65% CO 32% CO <sub>2</sub> 3% Solid residual (41% wt) Biurea (D.P. 240°C) Cyanuric Acid (D.P. 350°C) Urazole (m.p. 240°C) Faint smell of ammonium at time of decomposition.