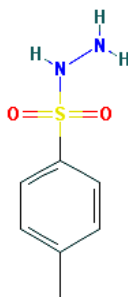


## Product Data Sheet

### CELOGEN<sup>®</sup> TSH Chemical Foaming Agent



4-Methylbenzenesulfonhydrazide  
CAS No.: 1576-35-8

**Molecular Formula:** C<sub>7</sub>H<sub>10</sub>N<sub>2</sub>O<sub>2</sub>S

**Properties:** White crystalline powder. Insoluble in water and benzene.

**Specification:**

Decomposition Temperature: 143°C  
Gas yield: ~120 -130 ml/g (STP)  
Moisture: 0.5%  
Ash: 0.1%

**Main Application:**

Celogen<sup>®</sup> TSH is a relatively low temperature foaming agent. The decomposition product is a non-pollutant, colorless, non-toxic, and odorless. Celogen<sup>®</sup> TSH offers a slow rate of decomposition and works well in closed cell plastics (such as athletic shoes and adhesive tape) and blown sponge; it can be applied in PVC to obtain white foam product with fine, uniform foaming effect. Processing temperatures should be kept below 80°C to prevent premature foaming.

**Package:** 25 KG Kraft paper bag with PE liner.

**Storage:** Recommended storage in dry and well-ventilated area; guard against dampness; keep away from fire and heat. DO NOT contact directly with acid or alkali.

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