

## Drug Status Report

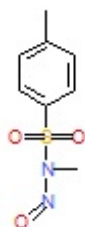
**Drug:** Diazald

**Drug Name Status:** Diazald is the common name.

**Chemical Name:** *N*-methyl-*N*-nitroso-*p*-toluenesulfonamide

**Other Names:** *p*-Tolylsulfonylethylmethylnitrosamide; benzenesulfonamide, *N*, 4-dimethyl-*N*-nitroso; *N*-methyl-*N*-nitrosotoluene-4-sulphonamide; *p*-Toluenesulfonamide, *N*-methyl-*N*-nitroso; diazolo.

**Chemical structure:**



**Molecular Formula:** C<sub>8</sub>H<sub>10</sub>N<sub>2</sub>O<sub>3</sub>S

**Pharmacological class / Application:** Industrial reagent; precursor of diazomethane

**International status:**

US: The substance is not listed on the schedules to the CSA and is not mentioned on the DEA website.

United Nations: The substance is not listed on the Yellow List - List of Narcotic Drugs under International Control. The drug is not listed on the Green List - List of Psychotropic Substances under International Control.

Canadian Status: Diazald is an industrial chemical that is commonly used as a precursor to the chemically unstable reagent, diazomethane<sup>1</sup>. There are no uses of diazald as a drug substance although it has been reported to display antimicrobial properties<sup>2</sup>. There are currently no substances listed in the Schedules to the CDSA that is similar to Diazald.

Recommendation: Diazald is not included in the schedules to the CDSA and is not a controlled substance.

November 24, 2009

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<sup>1</sup><http://www.sigmaaldrich.com/chemistry/chemical-synthesis/technology-spotlights/diazald.html>

<sup>2</sup>JV Uri and F Scola, Diazald, a new recognized antimicrobial agent and its spectrophotometric determination, Acta Microbiologica Hungarica (1992) 39:317-322.

