A diazonium ion is an ion that has the following general structural formula.

\[ R^{+}N=N \]

- \( R = \) alkyl, aryl

eg:

\[ \text{CH}_3\text{N}N \]

The \( +N=N \) group in a diazonium ion is called the diazonio group.

\[ \text{CH}_3\text{N}N \]

see also diazomethane

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**Contributors**

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