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Population analysis using the SCF density.

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Orbital symmetries:
Occupied (SGG) (SGU) (SGG) (SGU) (PIU) (PIU) (SGG)
Virtual (PIG) (PIG) (SGU)
The electronic state is 1-SGG.
Alpha occ. eigenvalues -- -15.55930 -15.55446 -1.54015 -0.71004 -0.64611
Alpha occ. eigenvalues -- -0.64611 -0.56496
Alpha virt. eigenvalues -- 0.32936 0.32936 1.38555
Molecular Orbital Coefficients

| | | | | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|---|---|---|
| | | | | (SGG)--O | (SGU)--O | (SGG)--O | (SGU)--O | (PIU)--O |
| | EIGENVALUES -- | | | -15.55930 | -15.55446 | -1.54015 | -0.71004 | -0.64611 |
| 1 | 1 | N | 1S | 0.70267 | 0.70305 | -0.18432 | -0.16727 | 0.00000 |
| 2 | | | 2S | 0.01280 | 0.03075 | 0.45930 | 0.72597 | 0.00000 |
| 3 | | | 2PX | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 |
| 4 | | | 2PY | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.61138 |
| 5 | | | 2PZ | -0.00341 | -0.01165 | -0.26803 | 0.29611 | 0.00000 |
| 6 | 2 | N | 1S | 0.70267 | -0.70305 | -0.18432 | 0.16727 | 0.00000 |
| 7 | | | 2S | 0.01280 | -0.03075 | 0.45930 | -0.72597 | 0.00000 |
| 8 | | | 2PX | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 |
| 9 | | | 2PY | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.61138 |
| 10 | | | 2PZ | 0.00341 | -0.01165 | 0.26803 | 0.29611 | 0.00000 |

| | | | | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|
| | | | | (PIU)--O | (SGG)--O | (PIG)--V | (PIG)--V | (SGU)--V |
| | EIGENVALUES -- | | | -0.64611 | -0.56496 | 0.32936 | 0.32936 | 1.38555 |
| 1 | 1 | N | 1S | 0.00000 | -0.06513 | 0.00000 | 0.00000 | -0.12360 |
| 2 | | | 2S | 0.00000 | 0.42806 | 0.00000 | 0.00000 | 1.58382 |
| 3 | | | 2PX | 0.61138 | 0.00000 | 0.86886 | 0.00000 | 0.00000 |
| 4 | | | 2PY | 0.00000 | 0.00000 | 0.00000 | 0.86886 | 0.00000 |
| 5 | | | 2PZ | 0.00000 | 0.60545 | 0.00000 | 0.00000 | -1.38444 |
| 6 | 2 | N | 1S | 0.00000 | -0.06513 | 0.00000 | 0.00000 | 0.12360 |
| 7 | | | 2S | 0.00000 | 0.42806 | 0.00000 | 0.00000 | -1.58382 |
| 8 | | | 2PX | 0.61138 | 0.00000 | -0.86886 | 0.00000 | 0.00000 |
| 9 | | | 2PY | 0.00000 | 0.00000 | 0.00000 | -0.86886 | 0.00000 |
| 10 | | | 2PZ | 0.00000 | -0.60545 | 0.00000 | 0.00000 | -1.38444 |