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Population analysis using the SCF density.

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Orbital symmetries:

Occupied (SGG) (SGU) (SGG) (SGU) (PIU) (PIU) (SGG) (PIG)  
(PIG)  
Virtual (SGU)

The electronic state is 3-SGG.

Alpha occ. eigenvalues -- -20.48489 -20.48391 -1.79098 -0.90933 -0.69564  
Alpha occ. eigenvalues -- -0.69564 -0.64096 0.00852 0.00852  
Alpha virt. eigenvalues -- 1.19175

Molecular Orbital Coefficients

			1	2	3	4	5
			(SGG)--0	(SGU)--0	(SGG)--0	(SGU)--0	(PIU)--0
EIGENVALUES	--		-20.48489	-20.48391	-1.79098	-0.90933	-0.69564
1	1	0 1S	0.70336	0.70289	-0.17182	-0.17673	0.00000
2		2S	0.01234	0.02469	0.49757	0.77117	0.00000
3		2PX	0.00000	0.00000	0.00000	0.00000	0.63220
4		2PY	0.00000	0.00000	0.00000	0.00000	0.00000
5		2PZ	-0.00160	-0.00913	-0.23823	0.22232	0.00000
6	2	0 1S	0.70336	-0.70289	-0.17182	0.17673	0.00000
7		2S	0.01234	-0.02469	0.49757	-0.77117	0.00000
8		2PX	0.00000	0.00000	0.00000	0.00000	0.63220
9		2PY	0.00000	0.00000	0.00000	0.00000	0.00000
10		2PZ	0.00160	-0.00913	0.23823	0.22232	0.00000
			6	7	8	9	10
			(PIU)--0	(SGG)--0	(PIG)--0	(PIG)--0	(SGU)--V
EIGENVALUES	--		-0.69564	-0.64096	0.00852	0.00852	1.19175
1	1	0 1S	0.00000	-0.07370	0.00000	0.00000	0.12079
2		2S	0.00000	0.40583	0.00000	0.00000	-1.02484
3		2PX	0.00000	0.00000	0.81705	0.00000	0.00000
4		2PY	0.63220	0.00000	0.00000	0.81705	0.00000
5		2PZ	0.00000	0.59956	0.00000	0.00000	1.14333
6	2	0 1S	0.00000	-0.07370	0.00000	0.00000	-0.12079
7		2S	0.00000	0.40583	0.00000	0.00000	1.02484
8		2PX	0.00000	0.00000	-0.81705	0.00000	0.00000
9		2PY	0.63220	0.00000	0.00000	-0.81705	0.00000
10		2PZ	0.00000	-0.59956	0.00000	0.00000	1.14333