```
from ase.spacegroup import crystal

# Adamo et al. Mineralogical Magazine
# 72 (2008) 799-808
beryl = crystal(
    symbols=['Al', 'Be', 'Si', 'O', 'O'],
    basis=[(2. / 3, 1. / 3, 0.25),  # Al
           (0.5,    0.0,    0.25),  # Be
           (0.39,   0.12,   0.00),  # Si
           (0.50,   0.15,   0.15),  # O1
           (0.31,   0.24,   0.00)], # O2
    spacegroup='P 6/m c c',  # no 192
    cellpar=[9.25, 9.25, 9.22,
             90, 90, 120])
```