

STRATOSPHERE

possible injection
into stratosphere

HCl

SO₂

photochemical
reactions

sulfuric acid aerosols

reflection of
incoming solar
radiation

dispersion

CO₂

SO₂

HCl

CO₂ gas

weakly
acidic rain

greenhouse
absorption

cloud nucleation

greenhouse
absorption

TROPOSPHERE

fallout of volcanic ash
and lava 'bombs'

