WHAT IS CLAIMED IS:

1. A crude oil sludge treatment method comprising a mixing step in which crude oil sludge, water and green rust are mixed under alkali conditions.

2. The crude oil sludge treatment method according to claim 1, wherein the mixing step is carried out within a container housing basalt fibers.

3. The crude oil sludge treatment method according to claim 1, wherein the mixing step further comprises:

mixing a second agent containing either or both a metal and a metal ferrite, wherein the metal and the metal of the metal ferrite are one or more selected from the group consisting of aluminum, yttrium, zinc, copper, tin, chromium and silicon.