

# H-GEL

Elemental Mercury Treatment Gel



SANCCUS



Relative Density

1.30g/cm<sup>3</sup>

Appearance

Black liquid

pH

7 Neat

**H**-Gel is a linear (not crosslinked) water based gel. The rheology of H-Gel has been carefully tailored to be highly thixotropic so it provides very high viscosity at low shear rates which makes it exceptional at suspending the active material which treats and converts captured Mercury.

The converted waste product can then be transported out of the pipeline where the gel can be chemically broken. This allows the trapped converted waste to be dropped out of the gel and recovered for disposal as a solid leaving the liquid components to be treated via normal treatment and disposal routes.

## FEATURES



Allows safe disposal of Mercury



Liquid wastes can be chemically broken down and treated separately

## APPLICATION

H-Gel is usually supplied ready to use though it can be provided as a slurry concentrate which is mixed into freshwater on site.

The Gel will lift the Mercury from the pipe walls where it will become entrapped and converted by the active product.

Supplied in 200L drums, 1000L IBC or in bulk in offshore tote tanks.

