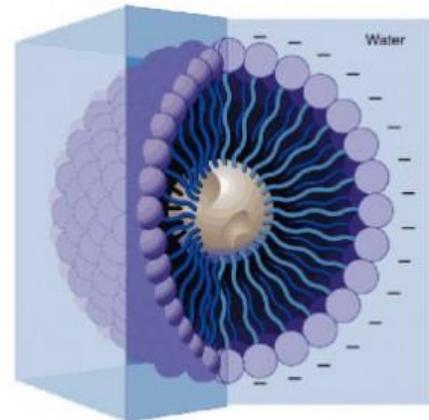


### Envirosol™ Surfactant Technologies

**Envirosol** is a unique line of specially formulated surfactant-based formulations used in a wide variety of applications. These surfactants significantly reduce surface tensions between hydrocarbons and water and can be used effectively for cleaning deposits and surfaces coated with oil and grease, dispersing hydrocarbon contamination in water, and in bioremediation applications.

**Envirosol** interacts with hydrocarbons and water and promotes contact between the two phases, dispersing and emulsifying the liquids into a homogeneous and stable mixture. Surfactants in **Envirosol** disperse the contaminant phase into tiny droplets and eventually form micelles (see figure) around these droplets, stabilizing them and allowing efficient contact with the bulk phase.



In addition to its effectiveness as an emulsifier, **Envirosol** effectively removes oils, greases and other contaminants from any solid surface or deposit; this effect loosens and weakens the structure of solid deposits to surfaces and allows for rapid equipment washing and cleaning cycles.

**Envirosol** products can be used in a number of applications including:

- Spill dispersion in water
- Tank degassing
- Odor control
- Soil Remediation and cleaning
- Vessel cleaning
- Process equipment and tankage cleaning
- Filter backwashing and flushing
- Sludge removal
- Detergent, cleaner and degreaser for any hydrocarbon contamination

#### Benefits

The reduction in surface tension offered by **Envirosol** formulations is superior to any conventional surfactant used today; our products interact strongly with oil and water and produce emulsions that will not break unless powerful separation methods are applied. The components of each formulation exhibit the same efficacy in warm, cold, hard, soft, distilled, mineral and sea waters as well as in water-in-oil applications. **Envirosol** can be used to safely and effectively clean any deposit or surface, even in extreme conditions, and has no components that will cause environmental or operational issues.

For additional information, please contact us via email at [Support@NexoSolutions.com](mailto:Support@NexoSolutions.com)