

The Ideal ISCO Solution to address soil and groundwater contamination

Klozur® Persulfate offers a unique combination of power and versatility. It is one of the most cost-effective technologies in the market. Klozur® Persulfate is ideal for *in situ* chemical oxidation of contaminated source zones and hot spots that require rapid treatment.



Successful field applications of Klozur® Activated Persulfate have been performed globally. These applications demonstrate the ability of Klozur activated persulfate to treat diverse organic contaminants of concern including: chlorinated ethenes (TCE, PCE, DCE and vinyl chloride), chlorinated ethanes (TCA and DCA), chlorinated methanes (carbon tetrachloride and methylene chloride), BTEX, MTBE, polyaromatic hydrocarbons (PAHs), petroleum hydrocarbons (TPHs, GRO, DRO), 1,4-dioxane and pesticides.

Benefits include:

Power

- 💧 Multi-radical attack
- 💧 Rapid destruction of recalcitrant compounds

Versatility

- 💧 Flexible activation basted on site conditions
- 💧 Multiple methods of delivery
- 💧 Highly soluble (up to 40 wt%)

Stability

- 💧 Persistent in the subsurface, providing an extended radius of influence
- 💧 Safe to handle – does not generate heat or gas under normal use

Potential Applications:

- Direct push injection**
- Fixed well injection**
- Soil blending**



Examples of Contaminants of Concern

CHLORINATED SOLVENTS

PCE, TCE, DCE, VC, TCA, DCA, Methylene Chloride, Carbon Tetrachloride, Chlorobenzene

PETROLEUM

TPH, BTEX, DRO, GRO

PAHs

Creosote, MGP residuals, 1,4-dioxane, MTBE, TBA, energetics, Chlorinated pesticides

For more information and detailed case studies, please visit our website.