

SOLID CHEMISTRIES INNOVATIVE TECHNOLOGY

Smart Balls® and System Saver® Pellets

System Saver Pellets and Smart Balls are solid chemistry products formulated with the same chemistries found in liquids. They are weighted to fall through fluid and treat problems in wells and in surface equipment.

Smart Balls are an excellent choice for treating natural gas or crude oil pipelines. Used alone or followed by pigging, Smart Balls dissolve in low-lying areas of settled water and provide a release of chemicals where they will be most effective. When followed by a pig, Smart Balls create a film coating for maintained corrosion protection. Smart Balls are also effective in treating stagnant fluid in storage tanks, when a long-term, slow-release application is needed.

System Saver Pellets are ideal for downhole treatment. They are designed to treat the fluid in the column and settle below the pump, thus treating the rat hole and stagnant fluid in the well. As the fluids flow out of the perforations, a portion falls to the rat hole and exchanges with chemically treated fluids from the pellets, along for continuous, long-term treatment. System Saver Pellets do not require pumps or circulation, which means no extra equipment costs and no lost production.

Effective Treatment

- Slowly release a continuous, long-term chemical treatment
- Invaluable in locations where liquid chemistries are difficult to apply
- When used in the proper application, System Saver Pellets can be a more cost-effective solution than liquid chemistry
- No chemical pump or tank. Batch and Monitor
- Unlike liquid chemicals, no risk of a spill or environmental contamination
- Effective in treating both sweet and sour systems



Smart Balls are available in two and four inch sizes.

Solid Chemistry Products are Available in Formulations for:

- Water Treatment and Solids Control
- Corrosion Inhibition
- Scale Control
- Paraffin Control
- Salt Removal
- Bacteria (Registered Biocides)
- Well and Tank Clean Up



SOLID CHEMISTRIES ENVIRONMENTALLY FRIENDLY

PureChem's Solid Chemistry provides environmentally responsible chemical solutions. The chemical treatments are in solid form thus eliminating the risks associated with chemical spills and environmental contaminations. In the event of a spill, the operator simply picks up the spilled product and applies it as intended.

Water Treatment and Biocides

- Excellent corrosion protection in carbon dioxide and hydrogen sulfide systems
- Controls bacteria such as SRB & APB
- Environmentally safe - no spills to worry about
- Available in 60°C or 90°C melting point
- Weighted to fall through fluid columns
- Water soluble, hydrocarbon dispersible for effective chemical distribution
- Provides protection in "rat hole" areas of oil and gas production

Corrosion Inhibitor

- Effective against hydrogen sulfide and carbon dioxide corrosion
- Highly water dispersible
- Excellent film persistency
- No spills to worry about
- Effective to 150°C
- No chemical pumps to maintain

Foamers

- Stable, uniform bubbles
- Effective in high brines
- No spills or chemical pumps to worry about
- Easier to use than sticks
- Weighted to fall through fluid columns
- Available in low or high temperature melting points



Iron Control

- Effectively dissolves mineral and iron scales
- Effective in clarifying "black water"
- Excellent for disposal or injection wells to lower pressure
- Eliminates chemical pump costs and maintenance

Scale Control

- Very cost effective
- Eliminates chemical pump cost and maintenance
- Environmentally safe - no spills to worry about
- Weighted to fall through fluid columns