



## PyroSolv™ Iron Bearing Scale Dissolver

### DESCRIPTION

Chemical removal of iron bearing scale (combination of pyrite, porrhote, marcasite, mackinawite, etc) deposits is often the first and lowest cost approach, especially when scale is not easily accessible or exists where conventional mechanical removal methods are ineffective or expensive to deploy. PyroSolv™ represents a breakthrough in iron sulfide scale dissolver technology.

Use of strong mineral acids will result in liberation of copious amounts of hydrogen sulfide, a poisonous gas, which is very difficult to handle at the well site.

PyroSolv™ is a probably the only viable option available to **DISSOLVE** Iron Sulfide and other hard to remove oilfield scales from down-hole oil and gas well equipment, wellbores and formations. PyroSolv™ is a patent pending liquid product in most cases will dissolve or soften Iron Sulfide and other hard to remove scales. Use of PyroSolv™ can minimize or eliminate costly and time-consuming pulling operations and physical de-scaling of pumps and tubing. Deposits in perforations and gas-lift valves can be effectively removed with this product.

PyroSolv™ is best applied as a 1:1 dilution with fresh water to Iron Sulfide deposits for maximum penetration and iron loading. Reaction rate will increase at higher temperatures and with agitation (circulation thru perforations). Squeezes are effective in removal of Iron Sulfide scale deposits from the near well bore area. Shut-in or contact times of 8-48 hours, depending on the thickness of the deposit, temperature and degree of agitation, are recommended.

### TYPICAL PHYSICAL PROPERTIES

Parameter	Specification
Appearance	Clear liquid
Odor	Faint Organic
Packing	Customizable (totes, bulk, drums)
Specific Gravity	9.0-10.5 lbs/ga
Pour Point	30 F
pH	11-13
Flash Point	>210 F
Solubility	Water miscible

### COMPATIBILITY

Compatible with steel, Stainless Steel, and most plastics.  
Not compatible with Brass, Aluminum, Copper, ductile iron.



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**DoT CLASSIFICATION**

Regulated for transport

**AVAILABILITY**

Global from Houston, TX-USA, Midland, TX-USA, Dubai, UAE, & Bombay, India