

**PRODUCT DESCRIPTION**

PC-205 is a water soluble, corrosion inhibitor intended for use in protecting casing, tubing, wellhead and production equipment or pipelines. PC-205 can be used in oil or gas producing wells and as a three phase inhibitor.

**RECOMMENDED APPLICATION**

PC-205 is normally injected in a diluted form in producing wells using metering equipment. Typical dosages range from 10 to 100 ppm inhibitor based on total produced fluid volume. For pipelines PC-205 may be used between pigs, or continuously injected through an atomizing nozzle if three phase protection is desired. Typical injection rate is 1 to 2 pints per million cubic feet of gas. Usage rate may vary depending on the severity of the corrosion. Listed below is laboratory test data related to the performance of PC-205 in typical production fluid environments.

Brine: 100 gm NaCl/Liter Distilled  
 Water Volume: 190 ml  
 Acid Gas: CO<sub>2</sub> Saturated & 100 ppm  
 H<sub>2</sub>S Temperature: 150°F Test Period: 24 hours  
 RPM: 26  
 Coupons: ¼" x 6" Mild Steel With Sandblast Finish

| <b>Corrosion Inhibition</b> |                        |                     |                  |
|-----------------------------|------------------------|---------------------|------------------|
| <b>Concentration, ppm</b>   | <b>Weight Loss, mg</b> | <b>Protection %</b> | <b>Inhibitor</b> |
| 0                           | 63.1                   | 0                   | Blank            |
| 0                           | 64.2                   | 0                   | Blank            |
| 0                           | 64.5                   | 0                   | Blank            |
| 40                          | 4.8                    | 93                  | PC-205           |
| 40                          | 4.9                    | 93                  | PC-205           |
| 40                          | 5.0                    | 93                  | PC-205           |
| 80                          | 4.5                    | 93                  | PC-205           |
| 80                          | 4.5                    | 93                  | PC-205           |
| 80                          | 4.8                    | 93                  | PC-205           |
| 120                         | 4.0                    | 94                  | PC-205           |
| 120                         | 3.9                    | 94                  | PC-205           |
| 120                         | 4.1                    | 94                  | PC-205           |

**COMPATIBILITY**

PC-205 has no known incompatibilities.

**TYPICAL PHYSICAL PROPERTIES**

Form: Liquid  
 Chemical Family: Amine  
 Color: Dark brown  
 Solubility: Water  
 Odor: Amine  
 Wt. per Gal.: 7.63 lbs.  
 Charge: NA  
 Flash Point: 70°F (21.1°C)

**HANDLING/STORAGE**

PC-205 is a flammable liquid! Keep away from heat, sparks, open flames and any ignition source. Avoid contact with eyes, skin and/or clothing. Use necessary personal protection. Refer to the Material Safety Data Sheet (MSDS) for handling and hazard data.

**PACKAGING**

PC-205 is shipped in 55 gallon poly drums.

WHILE THE INFORMATION AND DATA CONTAINED IN THIS BULLETIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE RELIABLE, THEY DO NOT CONSTITUTE A PART OF OUR TERMS AND CONDITIONS OF SALES. NOTHING HEREIN SHALL BE DEEMED TO CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, THAT SAID INFORMATION OR DATA ARE CORRECT OR THAT THE PRODUCTS DESCRIBED ARE MERCHANTABILITY OR FIT FOR A PARTICULAR PURPOSE OR THAT SAID INFORMATION, DATA OR PRODUCTS CAN BE USED WITHOUT INFRINGING PATENTS OF THIRD PARTIES. SES DISCLAIMS ALL EXPRESS AND IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT.