

Trevoze, Pennsylvania, April 30, 2018

SUEZ INTRODUCES NEW FORMULATION OF PROSOLV* HS TO SCAVENGE SOUR GAS FROM OIL AND GAS PRODUCTION STREAMS

- *Non-amine-based chemistry promotes cleaner process without precipitation resulting in a smooth separation process and flow assurance*
- *New formulation scavenges H₂S levels to customer target KPIs without impacting downstream processes*

Sour gas in oil and gas production streams can increase production costs, impact employees' safety, endanger asset integrity and adversely impact the surrounding environment. To help oil and gas producers scavenge sour gas effectively, SUEZ has formulated a new version of its ProSolv HS line to effectively scavenge H₂S without phase separation upsets that affect water quality or salt in condensate.

ProSolv HS is a non-nitrogen-based chemistry that does not impact downstream refining processes. It is safer to deploy compared to nitrogen-containing scavengers, which adversely impact refining processes with the formation of salts and costly corrosion. ProSolv HS is injected with similar dose rates to the amine-based chemistries, which allows the use of existing infrastructure and pumping capabilities.

“Our new ProSolv HS is formulated specifically to address sour gas production conditions. The product can scavenge H₂S levels to customer target KPIs without impacting process PH. This means no costly scale buildup occurs,” said Amy Ericson, global leader, chemical and monitoring solutions—SUEZ’s Water Technologies & Solutions. It is a game changer for our customers that now can effectively utilize produced water without further treatment and are able to sell gas condensates with the correct salt level and sales specifications.”

Sour gas is natural gas that contains significant amounts of acidic gases such as H₂S and carbon dioxide. Increased H₂S levels in process streams prevent operators from processing and selling these streams in a cost-effective manner. ProSolv HS series includes a non-amine-based chemistry that scavenges H₂S from process stream without creating any side effects to the downstream process. The new technology offers a range of solutions with cleaner processes and without precipitation to ensure a smooth separation with no process upsets.

Nitrogen-containing scavengers (such as Triazines) produce scale deposition resulting in pipeline pressure buildup that causes safety concerns, shut downs, deferred production and expensive unplanned maintenance to clean the scale buildup.

SUEZ's business unit, Water Technologies & Solutions, is a technology and solutions leader across industry, including oil and gas, refining and hydrocarbon processing industries. ProSolv HS includes a range of products with different chemical actives and formulations to scavenge sour gas from production streams. This newest formulation is the latest addition to the ProSolv line of chemical treatment solutions for oil and gas production optimization.

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About SUEZ

With 90,000 people on the five continents, SUEZ is a world leader in smart and sustainable resource management. We provide water and waste management solutions that enable cities and industries to optimize their resource management and strengthen their environmental and economic performances, in line with regulatory standards. To meet increasing demands to overcome resource quality and scarcity challenges, SUEZ is fully engaged in the resource revolution. With the full potential of digital technologies and innovative solutions, the Group recovers 17 million tons of waste a year, produces 3.9 million tons of secondary raw materials and 7 TWh of local renewable energy. It also secures water resources, delivering wastewater treatment services to 58 million people and reusing 882 million m³ of wastewater. SUEZ generated total revenues of 15.9 billion euros in 2017.

Find out more about the SUEZ Group
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