

Product Overview

C-SUL 145 is an MEA triazine based H₂S scavenger designed to provide cost effective scavenging solutions in oil & gas operating systems. Formulated to prevent solids deposition from spent scavenger and improve reaction rates, the product has proven to out perform other triazine-based scavengers in economic comparisons. When applied correctly, C-SUL 145 provides un-paralleled results yielding greater efficiency and lower chemical costs to operators.

Features

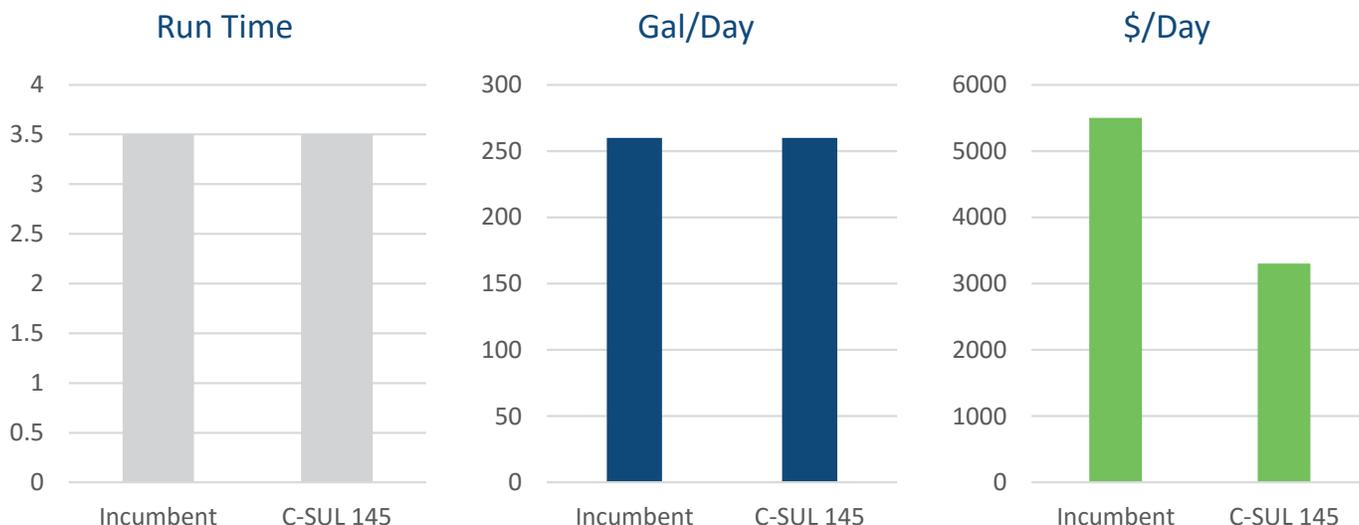
- Cost effective in gas sweetening applications
- Formulated to prevent solid deposition
- Multi-phase capability (O/W/G)
- Enhanced reaction efficacy

Applications

C-SUL 145 is effective in scavenging in the gas phase via bubble towers and applied continuously into the oil and gas phases. Temperature, pressure, and contact are critical factors in the application of the product.

Case Study

Creedence Energy Services was asked to implement an H₂S scavenging program on a well located in the Ray, ND, area. The well was recently completed and free flowing with gas production fluctuating between 800 - 1000 MCF and 3000 - 4000 ppm H₂S in the gas phase. When Creedence implemented C-SUL 145, the operator's incumbent chemical provider was utilizing a bubble tower (charge volume of 900 gallons) and had a runtime of approximately 3.5 days. The operator was consuming approximately 260 gallons/day and spending approximately \$5,500/day.



Conclusion

Through the application of C-SUL 145, the operator maintained a run time of 3-4 days and reduced the chemical spend to approximately \$3,300/day. Not only did the product performance match the incumbent chemical company’s H₂S scavenger, C-SUL 145 was able to provide upwards of 40% cost savings.

Typical Properties

Form:	Clear/Hazy Liquid
Specific Gravity:	1.03-1.06
Flash Point:	25—36C
Pour Point:	-40F
pH:	8.5—11
Solubility:	Water Soluble /Oil Dispersible

Storage & Handling

C-SUL 145 should be handled in accordance with other common industrial strength chemicals. The product is a flammable liquid and proper fire prevention and mitigation protocols should be exercised accordingly. The products MSDS/SDS should be reviewed prior to transportation, handling, and storage. Keep away from eyes and face and always use safety glasses or face shields and proper gloves. Contact INFOTRAC immediately for spills or releases of the product: 1-800-535-5053.

DOT Transportation

Regulatory Information	UN Number	Proper Shipping Name	Classes	PG	Label	Reportable Quantity
DOT Classification	UN 2920	Flammable Liquid Corrosive, N.O.S. (methanol and hydroxyl)	3 (8)	I	 	25,000 lbs (bulk) 5,000 lbs (non-bulk) Package sizes shipped in quantities less than the product reportable quantities are not subject to the RQ transportation requirements.

Contact: contact@creedence-energy.com

Visit: www.creedence-energy.com

Disclaimer: The information and recommendations provided in this “Case Study are based on most recent successful treatments and testing believed to be reliable. Creedence Energy Services, LLC is not responsible for the use of this information and does not guarantee, express or implied, in regards to the results obtained. The buyer assumes all responsibility from the misuse of the prod-