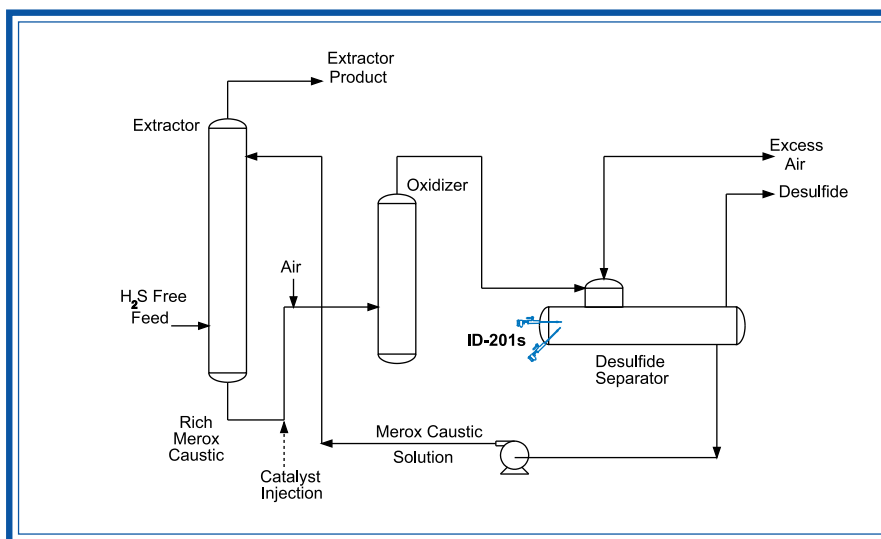


APPLICATION NOTE

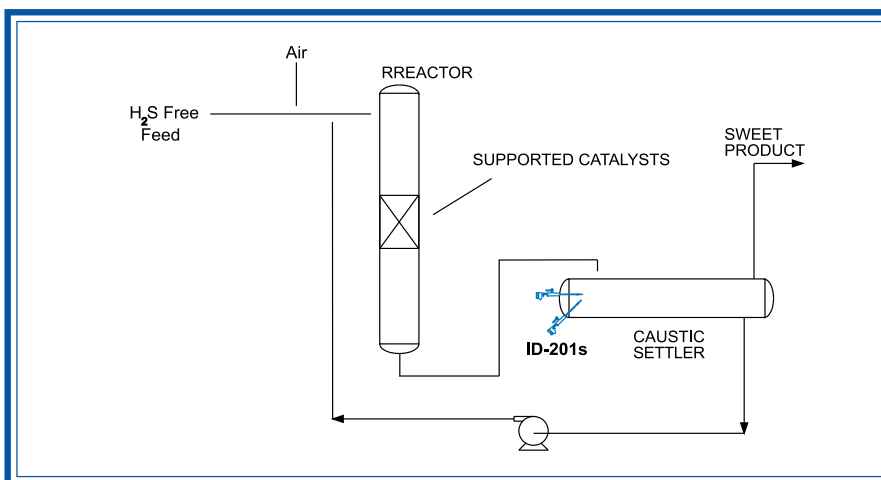
INTERFACE CONTROL IN UOP* MEROX* & CAUSTIC TREATING UNITS

Light straight run gasoline and other non-hydrotreated fuels (sour stocks) contain sulfur compounds that must be removed to avoid problems with odor and corrosion. A variety of treatment or "sweetening" processes are employed for this purpose, and in most the finished or treated fuel must be separated from the treating medium (caustic, ammoniated water, etc...). The quality of interface control in this separation can significantly impact product quality, and the use of Agar Interface Detectors consistently provides optimum system performance.

The Agar System 3 can optimize interface control in a variety of sweetening processes, as shown in the following simplified diagrams:

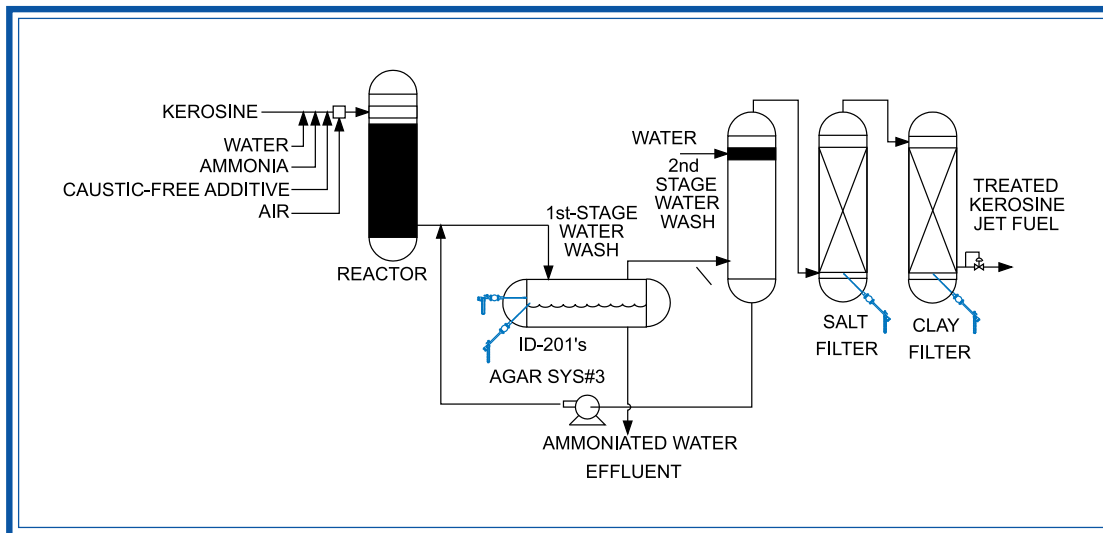


Merox mercaptan-extraction



Fixed-bed Merox sweetening unit

* - Trademark and/or service mark of UOP.



Caustic-Free Merox sweetening for kerosene jet fuel

Agar interface control technology is applied in a wide variety of separation processes, and these are only typical applications. The final points of use will be determined by the configuration of the unit and the location of the critical points for interface control.