Air loading of JM PURASPEC mercury absorbent

Gas producers have trusted and relied on PURASPEC™ absorbents for their operations for over 30 years. Johnson Matthey has developed a high capacity mercury absorbent that can be loaded safely in air or an oxygen-containing atmosphere.

**Safety**
Removes the danger of nitrogen asphyxiation during the absorbent loading.

**Flexibility**
Gives the flexibility to load in air or plant nitrogen in accordance to plant specific operating and safety procedures.

**Availability**
Removes the requirement for high purity nitrogen/liquid nitrogen in remote or offshore locations.

**Cost**
Negates the need to purchase excessive amounts of liquid nitrogen and contacting specialist catalyst handling crews.

**Key benefits**
- This latest PURASPEC product is proven to be inert towards self-heating making air/low oxygen purity nitrogen loading safe to perform
- Eliminating the requirement for high purity nitrogen during loading results in safer, easier operation both from logistics and cost perspective
- It retains its fast kinetics when exposed to air under accelerated conditions
- Other important features include inherent high mercury capacity and kinetics, and superior resistance towards water carry-over events.