

ABSTRACT**BULK STORAGE CONTAINER AND BULK MATERIAL HANDLING ASSEMBLY
THEREWITH**

An intermediate bulk storage container (1) for the storage or transport of particulate catalyst material comprises a vessel (2) having an inner wall defining a containment volume for particulate catalyst material. The vessel (20) comprises a cylindrical wall section (22), a top panel (28) closing the upper end of the cylindrical wall section (22) and a conical base section (24) connected to and tapering inwardly away from the lower end of the cylindrical wall section (22). An opening (30) is provided in the top panel (28) of the container (20) for receiving the catalyst material and a closure member (32) is provided for closing the opening (30). An air tight seal is provided when the opening (30) is closed by the closure member (32). A gas duct (38) is in fluid connection with the vessel (20) for supplying an inert gas to the sealed container (20) or removing gas from the vessel (20) to place the container (20) under a vacuum to mitigate the risk of combustion. The gas duct is closed by a valve (40) for transit or storage.

Figure 2