



**Rockwell International**  
Science Center

2 mTorr after which 100 mTorr of the gas was injected. Over a period of 48 hours a pressure reduction of 17 and 24 mTorr, was observed for the methyl butyrate and the hydrogen sulfide, respectively. Due to the fact that vapor adsorption onto a solid is a diffusion-controlled process, factors such as air-circulation, humidity, temperature and surface are important. These results suggest that this mineral will control odors and minimize cross-contamination of stored foods.

The favorable results of these experiments indicate that this mineral will reduce the energy and maintenance costs of operating the refrigerator units by controlling the humidity, which regulates heat transfer. The use of this mineral should also increase the storage life of perishables by reducing shrinkage, retarding discoloration and minimizing odor contamination.

Sincerely,

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JGN/lew