

TGG: ~~DEL~~ MMG: RF
XF: HAZ. MAT. Temp

TO: Joe Nigro

FROM: T. G. Grumbles
DATE: October 9, 1985

Interoffice
Communication

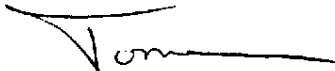
SUBJ: TRANSPORTATION HAZARD CLASSIFICATION FOR ETHER SULFATES

VISTA

Vista Ether Sulfates exhibit flash points in the 74°-80°F range when tested by the Pensky-Martin test. As such they would be considered a flammable liquid for domestic transportation purposes. However, according to DOT regulations, 49 CFR 173.115(b)(2), aqueous solutions containing less than 24 percent alcohol with flash points below 100°F is considered to be a combustible liquid. This exception paragraph allows us to class our ether sulfates as combustible liquids for domestic transportation.

However, for IMDG regulated shipments (exports) I can find no such exemption, and these products would be classed as Flammable liquids, class 3.3. The 3.3 class is for materials with flash points between 73°F and 141°F.

Please call if you have questions on the above.



Thomas G. Grumbles

ajo/8

cc Wayne Hilgers

VVV 000017753