

Vista Chemical Company

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June 29, 1989

TGG: JCL: MMG: AJO: RF

XF: _____

VISTA

Mr. Byron Norris
Research Products Company
Division of McShares Inc.
P.O. Box 1460
Salina, KS 67402

Dear Mr. Norris:

Enclosed are drum labels for LPA Solvent. As we discussed, these labels are based on the language we believe to comply with the OSHA Hazard Communication Standard. While we are providing this for your use on LPA purchased by you and repackaged, it is your responsibility to determine their suitability based on your own hazard determination.

Sincerely,



Thomas G. Grumbles
Environmental Quality Manager

ajo

Enclosure

VVV 000010773

TGG: JCL: MMG: AJO: RF

XF: _____

TO: Matt Tonkovich-Hammond

FROM: T. G. Grumbles

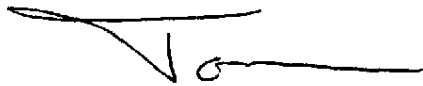
DATE: June 30, 1989

Interoffice
Communication

SUBJ:

VISTA

Attached is a corrected copy of my June 23 memo regarding benzene levels in sulfonic acids. I simply incorrectly listed ether sulfates in the original memo.



T. G. Grumbles

dlj

Attachment

cc: Gina Lakich-Hmd, Ed Sones, Jim Yates-Ponca

VVV 000010774

TO: Matt Tonkovich-Hammond

CORRECTED COPY

FROM: T. G. Grumbles

DATE: June 30, 1989

Interoffice
Communication

SUBJ: HAZARD DETERMINATION FOR SULFONIC ACID

VISTA

As you are aware there had been an indication that holding sulfonic acid at an elevated temperature for extended periods of time could result in the formation of significant quantities of benzene. This was indicated based on analytical results found during our efforts to analyze products for detectable quantities of California Proposition 65 listed substances.

In summary, analytical work done in Ponca City indicated unexpected levels of benzene. Upon review of the data, it appeared that the initial sample may have been held at temperatures above 100°F for an extended period of time, probably greater than four hours. A second sample was run under normal conditions and no benzene was detected.

However, this result caused concern regarding the potential for benzene formation during the handling and storage of sulfonic acids. To evaluate the potential exposure to benzene at normal handling temperatures, air samples were taken in the vapor spaces of product storage tanks. The results attached indicate essentially non-detectable levels of benzene.

Based on these results, the known and expected handling conditions of sulfonic acids, and the nonrepeatability of the product analytical results, there appears to be no benzene formation or exposure potential.

Therefore, no additional warning information is needed for our sulfonic acids.

T. G. Grumbles

dlj

Attachment

cc: Gina Lakich, Ed Sones, Jim Yates

VVV 000010775